

Peter Hansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8646737/publications.pdf>

Version: 2024-02-01

373
papers

15,353
citations

16411

64
h-index

33814

99
g-index

390
all docs

390
docs citations

390
times ranked

7028
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effects of heat stress on mammalian reproduction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3341-3350. | 1.8 | 495 |
| 2 | Physiological and cellular adaptations of zebu cattle to thermal stress. Animal Reproduction Science, 2004, 82-83, 349-360. | 0.5 | 452 |
| 3 | Is the temperature-humidity index the best indicator of heat stress in lactating dairy cows in a subtropical environment?. Journal of Dairy Science, 2009, 92, 109-116. | 1.4 | 399 |
| 4 | Developmental Changes in Embryonic Resistance to Adverse Effects of Maternal Heat Stress in Cows. Journal of Dairy Science, 1993, 76, 2899-2905. | 1.4 | 275 |
| 5 | Fertilizing Capacity of Bovine Sperm may be Maintained by Binding to Oviductal Epithelial Cells ¹ . Biology of Reproduction, 1991, 44, 102-107. | 1.2 | 267 |
| 6 | Differential responses of bovine oocytes and preimplantation embryos to heat shock. Molecular Reproduction and Development, 1997, 46, 138-145. | 1.0 | 249 |
| 7 | Progesterone During Pregnancy: Endocrineâ€œImmune Cross Talk in Mammalian Species and the Role of Stress. American Journal of Reproductive Immunology, 2007, 58, 268-279. | 1.2 | 217 |
| 8 | Effect of Season and Exposure to Heat Stress on Oocyte Competence in Holstein Cows. Journal of Dairy Science, 2002, 85, 390-396. | 1.4 | 195 |
| 9 | Disruption of nuclear maturation and rearrangement of cytoskeletal elements in bovine oocytes exposed to heat shock during maturation. Reproduction, 2005, 129, 235-244. | 1.1 | 186 |
| 10 | Involvement of Apoptosis in Disruption of Developmental Competence of Bovine Oocytes by Heat Shock During Maturation ¹ . Biology of Reproduction, 2004, 71, 1898-1906. | 1.2 | 173 |
| 11 | Elevated Temperature Increases Heat Shock Protein 70 Synthesis in Bovine Two-Cell Embryos and Compromises Function of Maturing Oocytes ¹ . Biology of Reproduction, 1996, 55, 340-346. | 1.2 | 152 |
| 12 | Adverse impact of heat stress on embryo production: causes and strategies for mitigation. Theriogenology, 2001, 55, 91-103. | 0.9 | 149 |
| 13 | Heat Shock-Induced Apoptosis in Preimplantation Bovine Embryos Is a Developmentally Regulated Phenomenon ¹ . Biology of Reproduction, 2002, 66, 1169-1177. | 1.2 | 148 |
| 14 | Exploitation of genetic and physiological determinants of embryonic resistance to elevated temperature to improve embryonic survival in dairy cattle during heat stress. Theriogenology, 2007, 68, S242-S249. | 0.9 | 144 |
| 15 | Factors Affecting Seasonal Variation in 90-Day Nonreturn Rate To First Service in Lactating Holstein Cows in a Hot Climate. Journal of Dairy Science, 1999, 82, 2611-2616. | 1.4 | 140 |
| 16 | Discovery of single nucleotide polymorphisms in candidate genes associated with fertility and production traits in Holstein cattle. BMC Genetics, 2013, 14, 49. | 2.7 | 140 |
| 17 | Colony-Stimulating Factor 2 (CSF-2) Improves Development and Posttransfer Survival of Bovine Embryos Produced in Vitro. Endocrinology, 2009, 150, 5046-5054. | 1.4 | 131 |
| 18 | Mastitis and Fertility in Cattle - Possible Involvement of Inflammation or Immune Activation in Embryonic Mortality*. American Journal of Reproductive Immunology, 2004, 51, 294-301. | 1.2 | 130 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Differences in Thermoregulatory Ability Between Slick-Haired and Wild-Type Lactating Holstein Cows in Response to Acute Heat Stress. <i>Journal of Dairy Science</i> , 2008, 91, 3395-3402. | 1.4 | 128 |
| 20 | Effects of Dietary Unsaturated Fatty Acids on Oocyte Quality and Follicular Development in Lactating Dairy Cows in Summer. <i>Journal of Dairy Science</i> , 2006, 89, 3891-3903. | 1.4 | 123 |
| 21 | Identification of Possible Mediators of Embryonic Mortality Caused by Mastitis: Actions of Lipopolysaccharide, Prostaglandin F ₂ alpha, and the Nitric Oxide Generator, Sodium Nitroprusside Dihydrate, on Oocyte Maturation and Embryonic Development in Cattle. <i>American Journal of Reproductive Immunology</i> , 2003, 50, 263-272. | 1.2 | 120 |
| 22 | Extension of Corpus Luteum Lifespan and Reduction of Uterine Secretion of Prostaglandin F ₂ of Cows in Response to Recombinant Interferon- γ . <i>Journal of Dairy Science</i> , 1995, 78, 1921-1931. | 1.4 | 119 |
| 23 | Chromosomal abnormalities in bovine embryos and their influence on development. <i>Biology of Reproduction</i> , 1996, 54, 53-59. | 1.2 | 113 |
| 24 | The SLICK hair locus derived from Senepol cattle confers thermotolerance to intensively managed lactating Holstein cows. <i>Journal of Dairy Science</i> , 2014, 97, 5508-5520. | 1.4 | 112 |
| 25 | Strategies for managing reproduction in the heat-stressed dairy cow. <i>Journal of Animal Science</i> , 1997, 77, 36. | 0.2 | 110 |
| 26 | Genetic divergence in cellular resistance to heat shock in cattle: differences between breeds developed in temperate versus hot climates in responses of preimplantation embryos, reproductive tract tissues and lymphocytes to increased culture temperatures. <i>Reproduction</i> , 2003, 125, 285-294. | 1.1 | 106 |
| 27 | Effects of Timed Insemination and Supplemental β -Carotene on Reproduction and Milk Yield of Dairy Cows Under Heat Stress. <i>Journal of Dairy Science</i> , 1998, 81, 390-402. | 1.4 | 103 |
| 28 | Characteristics of the Estrous Cycle and Antioxidant Status of Lactating Holstein Cows Exposed to Heat Stress. <i>Journal of Dairy Science</i> , 1998, 81, 1244-1250. | 1.4 | 101 |
| 29 | Responses of bovine lymphocytes to heat shock as modified by breed and antioxidant status. <i>Journal of Animal Science</i> , 1994, 72, 438-444. | 0.2 | 100 |
| 30 | Regulation of uterine immune function by progesterone lessons from the sheep. <i>Journal of Reproductive Immunology</i> , 1998, 40, 63-79. | 0.8 | 99 |
| 31 | Granulocyte-Macrophage Colony-Stimulating Factor Promotes Development of in Vitro Produced Bovine Embryos ¹ . <i>Biology of Reproduction</i> , 1997, 57, 1060-1065. | 1.2 | 97 |
| 32 | Efficacy of Timed Embryo Transfer with Fresh and Frozen In Vitro Produced Embryos to Increase Pregnancy Rates in Heat-Stressed Dairy Cattle. <i>Journal of Dairy Science</i> , 1999, 82, 2369-2376. | 1.4 | 96 |
| 33 | Dynamics of DNA Methylation during Early Development of the Preimplantation Bovine Embryo. <i>PLoS ONE</i> , 2013, 8, e66230. | 1.1 | 96 |
| 34 | Heat Stress-Induced Alterations in the Synthesis and Secretion of Proteins and Prostaglandins by Cultured Bovine Conceptuses and Uterine Endometrium ¹ . <i>Biology of Reproduction</i> , 1988, 39, 717-728. | 1.2 | 95 |
| 35 | The WNT signaling antagonist Dickkopf β 1 directs lineage commitment and promotes survival of the preimplantation embryo. <i>FASEB Journal</i> , 2014, 28, 3975-3986. | 0.2 | 92 |
| 36 | Interactions of Heat Stress and Bovine Somatotropin Affecting Physiology and Immunology of Lactating Cows. <i>Journal of Dairy Science</i> , 1992, 75, 449-462. | 1.4 | 91 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | Actions of Tumor Necrosis Factor-alpha on Oocyte Maturation and Embryonic Development in Cattle1. American Journal of Reproductive Immunology, 2003, 50, 380-388. | 1.2 | 89 |
| 39 | Effects of growth hormone and insulin-like growth factor-I on development of in vitro derived bovine embryos. Theriogenology, 2002, 57, 895-907. | 0.9 | 88 |
| 40 | Consequences of physiological heat shock beginning at the zygote stage on embryonic development and expression of stress response genes in cattle. Journal of Dairy Science, 2012, 95, 3080-3091. | 1.4 | 88 |
| 41 | Genome-Wide Association Mapping for Identification of Quantitative Trait Loci for Rectal Temperature during Heat Stress in Holstein Cattle. PLoS ONE, 2013, 8, e69202. | 1.1 | 86 |
| 42 | Heritability of rectal temperature and genetic correlations with production and reproduction traits in dairy cattle. Journal of Dairy Science, 2012, 95, 3401-3405. | 1.4 | 84 |
| 43 | Insulin-like Growth Factor-I as a Survival Factor for the Bovine Preimplantation Embryo Exposed to Heat Shock1. Biology of Reproduction, 2004, 71, 1665-1670. | 1.2 | 83 |
| 44 | Effects of lactation and pregnancy on gene expression of endometrium of Holstein cows at day 17 of the estrous cycle or pregnancy. Journal of Dairy Science, 2012, 95, 5657-5675. | 1.4 | 83 |
| 45 | Apoptosis is an adaptive response in bovine preimplantation embryos that facilitates survival after heat shock. Biochemical and Biophysical Research Communications, 2002, 295, 37-42. | 1.0 | 82 |
| 46 | Towards an embryocentric world: the current and potential uses of embryo technologies in dairy production. Reproduction, Fertility and Development, 2004, 16, 1. | 0.1 | 82 |
| 47 | Fibroblast growth factor 10 enhances bovine oocyte maturation and developmental competence in vitro. Reproduction, 2010, 140, 815-826. | 1.1 | 82 |
| 48 | Insulin-like growth factor-I promotes resistance of bovine preimplantation embryos to heat shock through actions independent of its anti-apoptotic actions requiring PI3K signaling. Molecular Reproduction and Development, 2007, 74, 189-196. | 1.0 | 81 |
| 49 | Fibroblast growth factor requirements for in vitro development of bovine embryos. Theriogenology, 2011, 75, 1466-1475. | 0.9 | 80 |
| 50 | Global gene expression of the inner cell mass and trophectoderm of the bovine blastocyst. BMC Developmental Biology, 2012, 12, 33. | 2.1 | 79 |
| 51 | Canonical WNT signaling regulates development of bovine embryos to the blastocyst stage. Scientific Reports, 2013, 3, 1266. | 1.6 | 77 |
| 52 | Evidence That Glutathione is Involved in Thermotolerance Of Preimplantation Murine Embryos1. Biology of Reproduction, 1995, 52, 1296-1301. | 1.2 | 76 |
| 53 | Developmental changes in sensitivity of bovine embryos to heat shock and use of antioxidants as thermoprotectants2. Journal of Animal Science, 1995, 73, 1401-1407. | 0.2 | 75 |
| 54 | Ontogeny of temperature-regulated heat shock protein 70 synthesis in preimplantation bovine embryos. Molecular Reproduction and Development, 1997, 48, 25-33. | 1.0 | 74 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Sphingosine 1-Phosphate Protects Bovine Oocytes from Heat Shock During Maturation1. <i>Biology of Reproduction</i> , 2004, 71, 2072-2078. | 1.2 | 74 |
| 56 | To be or not to beâ€”Determinants of embryonic survival following heat shock. <i>Theriogenology</i> , 2007, 68, S40-S48. | 0.9 | 74 |
| 57 | Skin Graft Survival in the Uterine Lumen of Ewes Treated With Progesterone. <i>American Journal of Reproductive Immunology and Microbiology: AJRIM</i> , 1986, 12, 48-54. | 1.5 | 72 |
| 58 | Purification, Secretion and Immunocytochemical Localization of the Uterine Milk Proteins, Major Progesterone-Induced Proteins in Uterine Secretions of the Sheep1. <i>Biology of Reproduction</i> , 1987, 36, 419-430. | 1.2 | 72 |
| 59 | Regulation of Preimplantation Development of Bovine Embryos by Interleukin-1 ² 1. <i>Biology of Reproduction</i> , 1998, 59, 1406-1412. | 1.2 | 71 |
| 60 | Embryonic mortality in cattle from the embryo's perspective. <i>Journal of Animal Science</i> , 2002, 80, E33-E44. | 0.2 | 69 |
| 61 | Immunolocalization of heat shock protein 70 in bovine spermatozoa. <i>Andrologia</i> , 2004, 36, 327-334. | 1.0 | 69 |
| 62 | Deviations in populations of peripheral blood mononuclear cells and endometrial macrophages in the cow during pregnancy. <i>Reproduction</i> , 2008, 136, 481-490. | 1.1 | 69 |
| 63 | Use of insulin-like growth factor-I during embryo culture and treatment of recipients with gonadotropin-releasing hormone to increase pregnancy rates following the transfer of in vitro-produced embryos to heat-stressed, lactating cows. <i>Journal of Animal Science</i> , 2003, 81, 1590. | 0.2 | 69 |
| 64 | Follicular fluid exosomes act on the bovine oocyte to improve oocyte competence to support development and survival to heat shock. <i>Reproduction, Fertility and Development</i> , 2019, 31, 888. | 0.1 | 68 |
| 65 | Effect of injection of Î²-carotene or vitamin E and selenium on fertility of lactating dairy cows. <i>Theriogenology</i> , 1998, 50, 65-76. | 0.9 | 67 |
| 66 | Expression of major histocompatibility complex antigens on the bovine placenta. <i>Reproduction</i> , 1990, 90, 235-243. | 1.1 | 65 |
| 67 | Interaction between season and culture with insulin-like growth factor-1 on survival of in vitro produced embryos following transfer to lactating dairy cows. <i>Theriogenology</i> , 2007, 67, 1518-1529. | 0.9 | 65 |
| 68 | The Immunology of Early Pregnancy in Farm Animals. <i>Reproduction in Domestic Animals</i> , 2011, 46, 18-30. | 0.6 | 65 |
| 69 | Global assessment of imprinted gene expression in the bovine conceptus by next generation sequencing. <i>Epigenetics</i> , 2016, 11, 501-516. | 1.3 | 65 |
| 70 | Reproductive physiology of the heat-stressed dairy cow: implications for fertility and assisted reproduction. <i>Animal Reproduction</i> , 2019, 16, 497-507. | 0.4 | 65 |
| 71 | Galectin 15 (LGALS15) functions in trophectoderm migration and attachment. <i>FASEB Journal</i> , 2008, 22, 548-560. | 0.2 | 63 |
| 72 | Influence of Season on Sexual Development in Heifers: Age at Puberty as Related to Growth and Serum Concentrations of Gonadotropins, Prolactin, Thyroxine and Progesterone. <i>Biology of Reproduction</i> , 1983, 28, 329-341. | 1.2 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | PROLONGATION OF LUTEAL LIFESPAN IN COWS BY INTRAUTERINE INFUSION OF RECOMBINANT BOVINE ALPHA-INTERFERON. <i>Endocrinology</i> , 1988, 122, 2342-2344. | 1.4 | 61 |
| 74 | Differentiation of the Endometrial Macrophage during Pregnancy in the Cow. <i>PLoS ONE</i> , 2010, 5, e13213. | 1.1 | 61 |
| 75 | Realizing the promise of IVF in cattle— an overview. <i>Theriogenology</i> , 2006, 65, 119-125. | 0.9 | 60 |
| 76 | The incompletely fulfilled promise of embryo transfer in cattle— why aren't pregnancy rates greater and what can we do about it?. <i>Journal of Animal Science</i> , 2020, 98, . | 0.2 | 60 |
| 77 | Presence of an intracellular endometrial inhibitor of prostaglandin synthesis during early pregnancy in the cow. <i>Prostaglandins</i> , 1988, 35, 359-378. | 1.2 | 58 |
| 78 | Differences in Heat Tolerance Between Preimplantation Embryos from Brahman, Romosinuano, and Angus Breeds. <i>Journal of Dairy Science</i> , 2004, 87, 53-58. | 1.4 | 58 |
| 79 | Efficacy of embryo transfer in lactating dairy cows during summer using fresh or vitrified embryos produced in vitro with sex-sorted semen. <i>Journal of Dairy Science</i> , 2011, 94, 3437-3445. | 1.4 | 57 |
| 80 | Use of single nucleotide polymorphisms in candidate genes associated with daughter pregnancy rate for prediction of genetic merit for reproduction in Holstein cows. <i>Animal Genetics</i> , 2016, 47, 288-297. | 0.6 | 57 |
| 81 | Disruption of Bovine Oocytes and Preimplantation Embryos by Urea and Acidic pH. <i>Journal of Dairy Science</i> , 2003, 86, 1194-1200. | 1.4 | 56 |
| 82 | Deleterious Actions of Gossypol on Bovine Spermatozoa, Oocytes, and Embryos1. <i>Biology of Reproduction</i> , 1997, 57, 901-907. | 1.2 | 55 |
| 83 | Transcriptional Control of Development, Protein Synthesis, and Heat-Induced Heat Shock Protein 70 Synthesis in 2-Cell Bovine Embryos1. <i>Biology of Reproduction</i> , 1999, 61, 1644-1648. | 1.2 | 54 |
| 84 | Developmental changes in inhibitory effects of arsenic and heat shock on growth of pre-implantation bovine embryos. <i>Molecular Reproduction and Development</i> , 2002, 63, 335-340. | 1.0 | 54 |
| 85 | Transrectal ultrasonography and plasma progesterin profiles identifies fetoplacental compromise in mares with experimentally induced placentitis. <i>Theriogenology</i> , 2007, 67, 681-691. | 0.9 | 54 |
| 86 | Photoperiod Influences Age at Puberty of Heifers1. <i>Journal of Animal Science</i> , 1983, 57, 985-992. | 0.2 | 53 |
| 87 | Identification of potential embryokines in the bovine reproductive tract. <i>Journal of Dairy Science</i> , 2018, 101, 690-704. | 1.4 | 53 |
| 88 | Localization of granulocyte-macrophage colony-stimulating factor in the bovine reproductive tract. <i>Journal of Reproductive Immunology</i> , 1999, 42, 135-145. | 0.8 | 52 |
| 89 | Alterations in Ultrastructural Morphology of Two-Cell Bovine Embryos Produced In Vitro and In Vivo Following a Physiologically Relevant Heat Shock1. <i>Biology of Reproduction</i> , 2003, 69, 2068-2077. | 1.2 | 52 |
| 90 | Sex and the preimplantation embryo: implications of sexual dimorphism in the preimplantation period for maternal programming of embryonic development. <i>Cell and Tissue Research</i> , 2016, 363, 237-247. | 1.5 | 52 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Inhibition of lymphocyte proliferation by bovine trophoblast protein-1 (Type I trophoblast interferon) and bovine interferon- β . <i>Veterinary Immunology and Immunopathology</i> , 1992, 34, 81-96. | 0.5 | 51 |
| 92 | Effectiveness of Short-Term Cooling and Vitamin E for Alleviation of Infertility Induced by Heat Stress in Dairy Cows. <i>Journal of Dairy Science</i> , 1994, 77, 3601-3607. | 1.4 | 51 |
| 93 | Effect of addition of hyaluronan to embryo culture medium on survival of bovine embryos in vitro following vitrification and establishment of pregnancy after transfer to recipients. <i>Theriogenology</i> , 2009, 71, 1063-1071. | 0.9 | 51 |
| 94 | Developmental Changes in Expression of Genes Involved in Regulation of Apoptosis in the Bovine Preimplantation Embryo. <i>Biology of Reproduction</i> , 2011, 84, 43-51. | 1.2 | 51 |
| 95 | Effects of insulin-like growth factor-1 on cellular and molecular characteristics of bovine blastocysts produced in vitro. <i>Molecular Reproduction and Development</i> , 2008, 75, 895-903. | 1.0 | 50 |
| 96 | Influence of sire and sire breed (Gyr versus Holstein) on establishment of pregnancy and embryonic loss in lactating Holstein cows during summer heat stress. <i>Theriogenology</i> , 2007, 67, 692-697. | 0.9 | 49 |
| 97 | Single-cell gene expression of the bovine blastocyst. <i>Reproduction</i> , 2017, 154, 627-644. | 1.1 | 49 |
| 98 | Current and Future Assisted Reproductive Technologies for Mammalian Farm Animals. <i>Advances in Experimental Medicine and Biology</i> , 2014, 752, 1-22. | 0.8 | 48 |
| 99 | Consequences of transfer of an in vitro-produced embryo for the dam and resultant calf. <i>Journal of Dairy Science</i> , 2014, 97, 229-239. | 1.4 | 48 |
| 100 | Effect of prepartum injection of vitamin E and selenium on postpartum reproductive function of dairy cattle. <i>Theriogenology</i> , 1994, 41, 1251-1258. | 0.9 | 47 |
| 101 | Improving post-transfer survival of bovine embryos produced in vitro: Actions of insulin-like growth factor-1, colony stimulating factor-2 and hyaluronan. <i>Theriogenology</i> , 2011, 76, 1602-1609. | 0.9 | 47 |
| 102 | Effects of coat colour on physiological responses to solar radiation in Holsteins. <i>Veterinary Record</i> , 1990, 127, 333-4. | 0.2 | 47 |
| 103 | Actions of Steroids and Prostaglandins Secreted by the Placenta and Uterus of the Cow and Ewe on Lymphocyte Proliferation In Vitro. <i>American Journal of Reproductive Immunology and Microbiology: AJRIM</i> , 1988, 18, 71-75. | 1.5 | 46 |
| 104 | Loci and pathways associated with uterine capacity for pregnancy and fertility in beef cattle. <i>PLoS ONE</i> , 2017, 12, e0188997. | 1.1 | 46 |
| 105 | Postnatal phenotype of dairy cows is altered by in vitro embryo production using reverse X-sorted semen. <i>Journal of Dairy Science</i> , 2017, 100, 5899-5908. | 1.4 | 45 |
| 106 | Convergent Evolution of Slick Coat in Cattle through Truncation Mutations in the Prolactin Receptor. <i>Frontiers in Genetics</i> , 2018, 9, 57. | 1.1 | 45 |
| 107 | Regulation of Pluripotency of Inner Cell Mass and Growth and Differentiation of Trophectoderm of the Bovine Embryo by Colony Stimulating Factor 21. <i>Biology of Reproduction</i> , 2013, 89, 141. | 1.2 | 44 |
| 108 | Effect of the Progesterone-Induced Serpin-Like Proteins of the Sheep Endometrium on Natural-Killer Cell Activity in Sheep and Mice. <i>Biology of Reproduction</i> , 1993, 49, 1008-1014. | 1.2 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Interactions between oxygen tension and glucose concentration that modulate actions of heat shock on bovine oocytes during in vitro maturation. <i>Theriogenology</i> , 2007, 68, 763-770. | 0.9 | 43 |
| 110 | Efficacy of in vitro embryo transfer in lactating dairy cows using fresh or vitrified embryos produced in a novel embryo culture medium. <i>Journal of Dairy Science</i> , 2010, 93, 5234-5242. | 1.4 | 43 |
| 111 | Identification of Beef Heifers with Superior Uterine Capacity for Pregnancy. <i>Biology of Reproduction</i> , 2016, 95, 47-47. | 1.2 | 43 |
| 112 | Effect of day of the oestrous cycle, side of the reproductive tract and heat shock on in-vitro protein secretion by bovine endometrium. <i>Reproduction</i> , 1988, 84, 567-578. | 1.1 | 42 |
| 113 | Single Nucleotide Polymorphisms in Candidate Genes Associated with Fertilizing Ability of Sperm and Subsequent Embryonic Development in Cattle1. <i>Biology of Reproduction</i> , 2013, 89, 69. | 1.2 | 42 |
| 114 | Sexual Dimorphism in Developmental Programming of the Bovine Preimplantation Embryo Caused by Colony-Stimulating Factor 21. <i>Biology of Reproduction</i> , 2014, 91, 80. | 1.2 | 42 |
| 115 | In Vitro Synthesis and Secretion of Ovine Trophoblast Protein-1 during the Period of Maternal Recognition of Pregnancy*. <i>Endocrinology</i> , 1985, 117, 1424-1430. | 1.4 | 41 |
| 116 | Consequences of endogenous and exogenous WNT signaling for development of the preimplantation bovine embryo. <i>Biology of Reproduction</i> , 2017, 96, 1129-1141. | 1.2 | 41 |
| 117 | Genotype × Environmental Interactions on Reproductive Traits of Bovine Females. I. Age at Puberty as Influenced by Breed, Breed of Sire, Dietary Regimen and Season3. <i>Journal of Animal Science</i> , 1982, 55, 1441-1457. | 0.2 | 40 |
| 118 | Secretory Proteins of the Bovine Conceptus Alter Endometrial Prostaglandin and Protein Secretion in Vitro1. <i>Biology of Reproduction</i> , 1988, 39, 977-987. | 1.2 | 40 |
| 119 | Induced thermotolerance during early development of murine and bovine embryos. <i>Journal of Cellular Physiology</i> , 1994, 160, 463-468. | 2.0 | 40 |
| 120 | Consequences of conceptus exposure to colony-stimulating factor 2 on survival, elongation, interferon- β , secretion, and gene expression. <i>Reproduction</i> , 2011, 141, 617-624. | 1.1 | 40 |
| 121 | Single nucleotide polymorphisms associated with thermoregulation in lactating dairy cows exposed to heat stress. <i>Journal of Animal Breeding and Genetics</i> , 2015, 132, 409-419. | 0.8 | 40 |
| 122 | Modulation of function of bovine polymorphonuclear leukocytes and lymphocytes by high temperature in vitro and in vivo. <i>American Journal of Veterinary Research</i> , 1991, 52, 1692-8. | 0.3 | 40 |
| 123 | Induced thermotolerance in bovine two-cell embryos and the role of heat shock protein 70 in embryonic development. <i>Molecular Reproduction and Development</i> , 2002, 62, 174-180. | 1.0 | 39 |
| 124 | Effects of rumen-protected methionine and choline supplementation on the preimplantation embryo in Holstein cows. <i>Theriogenology</i> , 2016, 85, 1669-1679. | 0.9 | 39 |
| 125 | Production and Culture of the Bovine Embryo. <i>Methods in Molecular Biology</i> , 2019, 2006, 115-129. | 0.4 | 39 |
| 126 | Suppression of Lymphocyte Activation by a High-Molecular-Weight Glycoprotein Released From Preimplantation Ovine and Porcine Conceptuses. <i>American Journal of Reproductive Immunology and Microbiology: AJRIM</i> , 1987, 14, 38-44. | 1.5 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Natural Killer-Like Cells in the Sheep: Functional Characterization and Regulation by Pregnancy-Associated Proteins. <i>Experimental Biology and Medicine</i> , 2002, 227, 803-811. | 1.1 | 38 |
| 128 | Colony-stimulating Factor 2 Inhibits Induction of Apoptosis in the Bovine Preimplantation Embryo. <i>American Journal of Reproductive Immunology</i> , 2011, 65, 578-588. | 1.2 | 38 |
| 129 | Perspectives on improvement of reproduction in cattle during heat stress in a future Japan. <i>Animal Science Journal</i> , 2012, 83, 439-445. | 0.6 | 38 |
| 130 | Changes in the transcriptome of morula-stage bovine embryos caused by heat shock: relationship to developmental acquisition of thermotolerance. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 3. | 1.4 | 38 |
| 131 | PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Maternal immunological adjustments to pregnancy and parturition in ruminants and possible implications for postpartum uterine health: Is there a prepartumâ€“postpartum nexus?1. <i>Journal of Animal Science</i> , 2013, 91, 1639-1649. | 0.2 | 38 |
| 132 | Differences between Brahman and Holstein cows in heat-shock induced alterations of protein synthesis and secretion by oviducts and uterine endometrium.. <i>Journal of Animal Science</i> , 1990, 68, 266. | 0.2 | 37 |
| 133 | Progesterone-regulated secretion of the serpin-like proteins of the ovine and bovine uterus. <i>Steroids</i> , 1991, 56, 589-597. | 0.8 | 37 |
| 134 | The effect of in vitro treatment of bovine embryos with IGF-1 on subsequent development in utero to Day 14 of gestation. <i>Theriogenology</i> , 2007, 68, 153-161. | 0.9 | 37 |
| 135 | Developmental changes in thermoprotective actions of insulin-like growth factor-1 on the preimplantation bovine embryo. <i>Molecular and Cellular Endocrinology</i> , 2011, 332, 170-179. | 1.6 | 37 |
| 136 | Programming of the preimplantation embryo by the embryokine colony stimulating factor 2. <i>Animal Reproduction Science</i> , 2014, 149, 59-66. | 0.5 | 37 |
| 137 | Implications of Assisted Reproductive Technologies for Pregnancy Outcomes in Mammals. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 395-413. | 3.6 | 37 |
| 138 | Angelman syndrome imprinting center encodes a transcriptional promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6871-6875. | 3.3 | 36 |
| 139 | Thermoprotection of preimplantation bovine embryos from heat shock by glutathione and taurine. <i>Cell Biology International Reports</i> , 1992, 16, 125-131. | 0.7 | 35 |
| 140 | Identification of the Predominant Proteins in Uterine Fluids of Unilaterally Pregnant Ewes that Inhibit Lymphocyte Proliferation1. <i>Biology of Reproduction</i> , 1993, 49, 997-1007. | 1.2 | 35 |
| 141 | Effects of lactation and pregnancy on metabolic and hormonal responses and expression of selected conceptus and endometrial genes of Holstein dairy cattle. <i>Journal of Dairy Science</i> , 2012, 95, 5645-5656. | 1.4 | 35 |
| 142 | Evaluation of genetic components in traits related to superovulation, in vitro fertilization, and embryo transfer in Holstein cattle. <i>Journal of Dairy Science</i> , 2017, 100, 2877-2891. | 1.4 | 35 |
| 143 | A single nucleotide polymorphism in COQ9 affects mitochondrial and ovarian function and fertility in Holstein cowsâ€“. <i>Biology of Reproduction</i> , 2017, 96, 652-663. | 1.2 | 35 |
| 144 | Prospects for gene introgression or gene editing as a strategy for reduction of the impact of heat stress on production and reproduction in cattle. <i>Theriogenology</i> , 2020, 154, 190-202. | 0.9 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Genotype \times Environmental Interactions on Reproductive Traits of Bovine Females. III. Seasonal Variation in Postpartum Reproduction as Influenced by Genotype, Suckling and Dietary Regimen ³ . <i>Journal of Animal Science</i> , 1983, 56, 1362-1369. | 0.2 | 34 |
| 146 | Inheritance of resistance of bovine preimplantation embryos to heat shock: Relative importance of the maternal versus paternal contribution. <i>Molecular Reproduction and Development</i> , 2002, 63, 32-37. | 1.0 | 34 |
| 147 | Manipulation of Antioxidant Status Fails to Improve Fertility of Lactating Cows or Survival of Heat-Shocked Embryos. <i>Journal of Dairy Science</i> , 2003, 86, 2343-2351. | 1.4 | 34 |
| 148 | Exposure to colony stimulating factor 2 during preimplantation development increases postnatal growth in cattle. <i>Molecular Reproduction and Development</i> , 2015, 82, 892-897. | 1.0 | 34 |
| 149 | Modification of embryonic resistance to heat shock in cattle by melatonin and genetic variation in HSPA1L. <i>Journal of Dairy Science</i> , 2016, 99, 9152-9164. | 1.4 | 34 |
| 150 | Appearance of α -hexosaminidase and other lysosomal-like enzymes in the uterine lumen of gilts, ewes and mares in response to progesterone and oestrogens. <i>Reproduction</i> , 1985, 73, 411-424. | 1.1 | 33 |
| 151 | Prostaglandin secretion by perfused bovine endometrium: Secretion towards the myometrial and luminal sides at day 17 post-estrus as altered by pregnancy. <i>Prostaglandins</i> , 1988, 35, 343-357. | 1.2 | 33 |
| 152 | Reorganization of Microfilaments and Microtubules by Thermal Stress in Two-Cell Bovine Embryos ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1852-1862. | 1.2 | 33 |
| 153 | Consequences for the Bovine Embryo of Being Derived from a Spermatozoon Subjected to Post-Ejaculatory Aging and Heat Shock: Development to the Blastocyst Stage and Sex Ratio. <i>Journal of Reproduction and Development</i> , 2009, 55, 69-74. | 0.5 | 33 |
| 154 | WNT regulation of embryonic development likely involves pathways independent of nuclear CTNNB1. <i>Reproduction</i> , 2017, 153, 405-419. | 1.1 | 33 |
| 155 | Role of yes-associated protein 1, angiomin, and mitogen-activated kinase kinase 1/2 in development of the bovine blastocyst [€] . <i>Biology of Reproduction</i> , 2018, 98, 170-183. | 1.2 | 33 |
| 156 | Effect of Intrauterine and Intramuscular Administration of Recombinant Bovine Interferon β 1 on Luteal Lifespan in Cattle. <i>Journal of Dairy Science</i> , 1989, 72, 1859-1865. | 1.4 | 32 |
| 157 | Association of single nucleotide polymorphisms in candidate genes previously related to genetic variation in fertility with phenotypic measurements of reproductive function in Holstein cows. <i>Journal of Dairy Science</i> , 2017, 100, 3725-3734. | 1.4 | 32 |
| 158 | Effects of intrauterine infusion of seminal plasma at artificial insemination on fertility of lactating Holstein cows. <i>Journal of Dairy Science</i> , 2019, 102, 6587-6594. | 1.4 | 32 |
| 159 | Regulation of leucocyte subpopulations in the sheep endometrium by progesterone. <i>Immunology</i> , 1992, 76, 636-41. | 2.0 | 32 |
| 160 | Response of preimplantation murine embryos to heat shock as modified by developmental stage and glutathione status. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1998, 34, 655-659. | 0.7 | 31 |
| 161 | Alteration in uterine contractility in mares with experimentally induced placentitis. <i>Reproduction</i> , 2004, 127, 57-66. | 1.1 | 31 |
| 162 | Methionine Requirements for the Preimplantation Bovine Embryo. <i>Journal of Reproduction and Development</i> , 2010, 56, 527-532. | 0.5 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Regulation of prostaglandin secretion from epithelial and stromal cells of the bovine endometrium by interleukin-1 ² , interleukin-2, granulocyte-macrophage colony stimulating factor and tumor necrosis factor- α . <i>Life Sciences</i> , 1992, 51, 1171-1176. | 2.0 | 30 |
| 164 | Increased Expression of Cell Surface Markers on Endometrial α 1 ⁺ T α Cell Receptor⁺ Intraepithelial Lymphocytes Induced by the Local Presence of the Sheep Conceptus. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 199-205. | 1.2 | 30 |
| 165 | Regulation of Numbers of Macrophages in the Endometrium of the Sheep by Systemic Effects of Pregnancy, Local Presence of the Conceptus, and Progesterone. <i>American Journal of Reproductive Immunology</i> , 2004, 51, 56-62. | 1.2 | 30 |
| 166 | Modification of actions of heat shock on development and apoptosis of cultured preimplantation bovine embryos by oxygen concentration and dithiothreitol. <i>Molecular Reproduction and Development</i> , 2008, 75, 1338-1350. | 1.0 | 30 |
| 167 | Oxygen and steroid concentrations in preovulatory follicles of lactating dairy cows exposed to acute heat stress. <i>Theriogenology</i> , 2008, 69, 805-813. | 0.9 | 30 |
| 168 | Pregnancy rates of lactating cows after transfer of in vitro produced embryos using X-sorted sperm. <i>Theriogenology</i> , 2013, 79, 453-461. | 0.9 | 30 |
| 169 | Colony-stimulating factor 2 acts from days 5 to 7 of development to modify programming of the bovine conceptus at day 86 of gestation. <i>Biology of Reproduction</i> , 2017, 96, 743-757. | 1.2 | 30 |
| 170 | Biochemical Characterization and Biosynthesis of the Uterine Milk Proteins of the Pregnant Sheep Uterus1. <i>Biology of Reproduction</i> , 1987, 36, 405-418. | 1.2 | 29 |
| 171 | Regulation of immune cells in the uterus during pregnancy in ruminants1. <i>Journal of Animal Science</i> , 2007, 85, E30-E31. | 0.2 | 29 |
| 172 | ORIGINAL ARTICLE: Phenotypic Characterization of Macrophages in the Endometrium of the Pregnant Cow. <i>American Journal of Reproductive Immunology</i> , 2009, 62, 418-426. | 1.2 | 29 |
| 173 | Effects of gamete source and culture conditions on the competence of in vitro-produced embryos for post-transfer survival in cattle. <i>Reproduction, Fertility and Development</i> , 2010, 22, 59. | 0.1 | 29 |
| 174 | Sex differences in response of the bovine embryo to colony-stimulating factor 2. <i>Reproduction</i> , 2016, 152, 645-654. | 1.1 | 29 |
| 175 | Effects of melatonin on production of reactive oxygen species and developmental competence of bovine oocytes exposed to heat shock and oxidative stress during <i>in vitro</i> maturation. <i>Zygote</i> , 2019, 27, 180-186. | 0.5 | 29 |
| 176 | Towards an embryocentric world: the current and potential uses of embryo technologies in dairy production. <i>Reproduction, Fertility and Development</i> , 2004, 16, 1-14. | 0.1 | 29 |
| 177 | Photoperiodic alteration of postpartum reproductive function in suckled cows. <i>Theriogenology</i> , 1984, 22, 1-14. | 0.9 | 28 |
| 178 | DNA synthesis and prostaglandin secretion by bovine endometrial cells as regulated by interleukin-1. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1037. | 0.1 | 28 |
| 179 | Regulation of heat shock protein 70 synthesis by heat shock in the preimplantation murine embryo. <i>Theriogenology</i> , 1995, 44, 329-337. | 0.9 | 28 |
| 180 | Factors associated with early and mid-to-late fetal loss in lactating and nonlactating Holstein cattle in a hot climate1. <i>Journal of Animal Science</i> , 2005, 83, 1017-1022. | 0.2 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Oxygen tension and medium type actions on blastocyst development and interferon-tau secretion in cattle. <i>Animal Reproduction Science</i> , 2009, 111, 173-188. | 0.5 | 28 |
| 182 | Genotype × Environmental Interactions on Reproductive Traits of Bovine Females. II. Postpartum Reproduction as Influenced by Genotype, Dietary Regimen, Level of Milk Production and Parity ³ . <i>Journal of Animal Science</i> , 1982, 55, 1458-1472. | 0.2 | 27 |
| 183 | Regulation of heat shock-induced alterations in the release of prostaglandins by the uterine endometrium of cows. <i>Theriogenology</i> , 1990, 34, 219-230. | 0.9 | 27 |
| 184 | The effect of bovine interferon- β 1 on pregnancy rate in heifers ² . <i>Journal of Animal Science</i> , 1992, 70, 1471-1477. | 0.2 | 27 |
| 185 | Local versus systemic control of numbers of endometrial T cells during pregnancy in sheep. <i>Immunology</i> , 2001, 102, 317-322. | 2.0 | 27 |
| 186 | Treatment with the Proteasome Inhibitor MG132 during the End of Oocyte Maturation Improves Oocyte Competence for Development after Fertilization in Cattle. <i>PLoS ONE</i> , 2012, 7, e48613. | 1.1 | 27 |
| 187 | Characterization of Immunosuppressive Substances in the Basic Protein Fraction of Uterine Secretions from Pregnant Ewes ¹ . <i>Biology of Reproduction</i> , 1987, 36, 393-403. | 1.2 | 26 |
| 188 | Possible mechanisms for reduction of circulating concentrations of progesterone by interferon- β in cows: effects on hyperthermia, luteal cells, metabolism of progesterone and secretion of LH. <i>Journal of Endocrinology</i> , 1992, 133, 175-182. | 1.2 | 25 |
| 189 | Repression of induced apoptosis in the 2-cell bovine embryo involves DNA methylation and histone deacetylation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 418-421. | 1.0 | 25 |
| 190 | Timing and dependence upon mitogen-activated protein kinase signaling for pro-developmental actions of insulin-like growth factor 1 on the preimplantation bovine embryo. <i>Growth Hormone and IGF Research</i> , 2011, 21, 107-111. | 0.5 | 25 |
| 191 | Regulation of Lymphocyte Proliferation by Uterine Serpin: Interleukin-2 mRNA Production, CD25 Expression and Responsiveness to Interleukin-2. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 75-81. | 2.0 | 25 |
| 192 | Antiluteolytic effects of bovine trophoblast protein-1. <i>Journal of Reproduction and Fertility Supplement</i> , 1989, 37, 91-9. | 0.1 | 25 |
| 193 | Regulation of bovine and ovine lymphocyte proliferation by progesterone: modulation by steroid receptor antagonists and physiological status. <i>European Journal of Endocrinology</i> , 1993, 129, 532-535. | 1.9 | 24 |
| 194 | Effect of heat shock on function of frozen/thawed bull spermatozoa. <i>Theriogenology</i> , 1995, 44, 947-961. | 0.9 | 24 |
| 195 | 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. | 1.0 | 24 |
| 196 | Heat shock and tumor necrosis factor- β induce apoptosis in bovine preimplantation embryos through a caspase-9-dependent mechanism. <i>Reproduction</i> , 2007, 133, 1129-1137. | 1.1 | 24 |
| 197 | Short-term culture of in vitro produced bovine preimplantation embryos with insulin-like growth factor-1 prevents heat shock-induced apoptosis through activation of the Phosphatidylinositol 3-Kinase/Akt pathway. <i>Molecular Reproduction and Development</i> , 2008, 75, 681-688. | 1.0 | 24 |
| 198 | Can programmed cell death be induced in post-ejaculatory bull and stallion spermatozoa?. <i>Theriogenology</i> , 2009, 71, 1138-1146. | 0.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Actions of activin A, connective tissue growth factor, hepatocyte growth factor and teratocarcinoma-derived growth factor 1 on the development of the bovine preimplantation embryo. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1329. | 0.1 | 24 |
| 200 | Determination of the optimum contribution of Brahman genetics in an Angus-Brahman multibreed herd for regulation of body temperature during hot weather. <i>Journal of Animal Science</i> , 2018, 96, 2175-2183. | 0.2 | 24 |
| 201 | Effect of addition of l-carnitine to media for oocyte maturation and embryo culture on development and cryotolerance of bovine embryos produced in vitro. <i>Theriogenology</i> , 2019, 133, 135-143. | 0.9 | 24 |
| 202 | secretion of the major progesterone-induced proteins of the sheep uterus by caruncular and intercaruncular endometrium of the pregnant ewe from days 20–140 of gestation. <i>Domestic Animal Endocrinology</i> , 1989, 6, 349-362. | 0.8 | 23 |
| 203 | The effects of recombinant bovine interferon- β on fertility in ewes. <i>Theriogenology</i> , 1991, 36, 231-239. | 0.9 | 23 |
| 204 | Progesterone Inhibits Rejection of Xenogeneic Transplants in the Sheep Uterus. <i>Hormone Research in Paediatrics</i> , 2002, 58, 128-135. | 0.8 | 23 |
| 205 | Insulin-like growth factor-1 protects preimplantation embryos from anti-developmental actions of menadione. <i>Archives of Toxicology</i> , 2009, 83, 1001-1007. | 1.9 | 23 |
| 206 | Evolution and Function of the Uterine Serpins (SERPINA14). <i>American Journal of Reproductive Immunology</i> , 2010, 64, 265-274. | 1.2 | 23 |
| 207 | Importance of culture conditions during the morula-to-blastocyst period on capacity of inner cell-mass cells of bovine blastocysts for establishment of self-renewing pluripotent cells. <i>Theriogenology</i> , 2012, 78, 1243-1251.e2. | 0.9 | 23 |
| 208 | Molecular fingerprint of female bovine embryos produced in vitro with high competence to establish and maintain pregnancy. <i>Biology of Reproduction</i> , 2020, 102, 292-305. | 1.2 | 23 |
| 209 | Uterine secretions of the cow contain proteins that are immunochemically related to the major progesterone-induced proteins of the sheep uterus. <i>Domestic Animal Endocrinology</i> , 1990, 7, 517-526. | 0.8 | 22 |
| 210 | Mechanisms Regulating Prostaglandin F ₂ Secretion from the Bovine Endometrium. <i>Journal of Dairy Science</i> , 1998, 81, 382-389. | 1.4 | 22 |
| 211 | Evolutionary history of the uterine serpins. <i>The Journal of Experimental Zoology</i> , 2000, 288, 165-174. | 1.4 | 22 |
| 212 | Aberrations in uterine contractile patterns in mares with delayed uterine clearance after administration of detomidine and oxytocin. <i>Theriogenology</i> , 2002, 58, 887-898. | 0.9 | 22 |
| 213 | Differences between Brahman and Holstein cows in response to estrus synchronization, superovulation and resistance of embryos to heat shock. <i>Animal Reproduction Science</i> , 2003, 78, 13-24. | 0.5 | 22 |
| 214 | Cows exposed to heat stress during fetal life exhibit improved thermal tolerance ¹ . <i>Journal of Animal Science</i> , 2017, 95, 3497-3503. | 0.2 | 22 |
| 215 | Genetic parameters for hair characteristics and core body temperature in a multibreed Brahman–Angus herd ¹ . <i>Journal of Animal Science</i> , 2019, 97, 3246-3252. | 0.2 | 22 |
| 216 | Binding of immunoglobulins to the major progesterone-induced proteins secreted by the sheep uterus. <i>Archives of Biochemistry and Biophysics</i> , 1988, 260, 208-217. | 1.4 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | The block to apoptosis in bovine two-cell embryos involves inhibition of caspase-9 activation and caspase-mediated DNA damage. <i>Reproduction</i> , 2007, 134, 789-797. | 1.1 | 21 |
| 218 | Consequences of exposure of embryos produced in vitro in a serum-containing medium to dickkopf-related protein 1 and colony stimulating factor 2 on blastocyst yield, pregnancy rate, and birth weight. <i>Journal of Animal Science</i> , 2017, 95, 4407-4412. | 0.2 | 21 |
| 219 | Changes in the uterine metabolome of the cow during the first 7 days after estrus. <i>Molecular Reproduction and Development</i> , 2019, 86, 75-87. | 1.0 | 21 |
| 220 | Oponins of <i>Streptococcus</i> in uterine flushings of mares susceptible and resistant to endometritis: control of secretion and partial characterization. <i>American Journal of Veterinary Research</i> , 1987, 48, 646-50. | 0.3 | 21 |
| 221 | Changes in expression of cell cycle-related genes in PCa prostate cancer cells caused by ovine uterine serpin. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1182-1188. | 1.2 | 20 |
| 222 | Differential glycosylation of the components of the bovine trophoblast protein-1 complex. <i>Molecular and Cellular Endocrinology</i> , 1988, 58, 103-107. | 1.6 | 19 |
| 223 | Actions of Bovine Somatotropin on Polymorphonuclear Leukocytes and Lymphocytes in Cattle. <i>Journal of Dairy Science</i> , 1991, 74, 2145-2152. | 1.4 | 19 |
| 224 | Effects of Endometrial Serpin-Like Proteins on Immune Responses in Sheep. <i>American Journal of Reproductive Immunology</i> , 1995, 33, 86-93. | 1.2 | 19 |
| 225 | The Presence of Interleukin-1beta in the Bovine Reproductive Tract. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 279-285. | 0.5 | 19 |
| 226 | Ceramide inhibits development and cytokinesis and induces apoptosis in preimplantation bovine embryos. <i>Molecular Reproduction and Development</i> , 2008, 75, 1063-1070. | 1.0 | 19 |
| 227 | Relationship between Group II Caspase Activity of Bovine Preimplantation Embryos and Capacity for Hatching. <i>Journal of Reproduction and Development</i> , 2008, 54, 217-220. | 0.5 | 19 |
| 228 | A novel method for purification of inner cell mass and trophectoderm cells from blastocysts using magnetic activated cell sorting. <i>Fertility and Sterility</i> , 2011, 95, 799-802. | 0.5 | 19 |
| 229 | A dual targeted $\hat{2}$ -defensin and exome sequencing approach to identify, validate and functionally characterise genes associated with bull fertility. <i>Scientific Reports</i> , 2017, 7, 12287. | 1.6 | 19 |
| 230 | Regulation of present and future development by maternal regulatory signals acting on the embryo during the morula to blastocyst transition – insights from the cow. <i>Biology of Reproduction</i> , 2019, 101, 526-537. | 1.2 | 19 |
| 231 | Interactions of human chorionic gonadotropin with genotype and parity on fertility responses of lactating dairy cows. <i>Journal of Dairy Science</i> , 2019, 102, 846-856. | 1.4 | 19 |
| 232 | Retinol binding protein is produced by the bovine endometrium and accumulates in uterine secretions in a progesterone-dependent manner. <i>Animal Reproduction Science</i> , 1992, 27, 55-66. | 0.5 | 18 |
| 233 | Regulation of Proliferation of Bovine Oviductal Epithelial Cells by Estradiol. <i>Hormone and Metabolic Research</i> , 1993, 25, 500-502. | 0.7 | 18 |
| 234 | Genotype effects on body temperature in dairy cows under grazing conditions in a hot climate including evidence for heterosis. <i>International Journal of Biometeorology</i> , 2009, 53, 327-331. | 1.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Influence of Sex on Basal and Dickkopf-1 Regulated Gene Expression in the Bovine Morula. PLoS ONE, 2015, 10, e0133587. | 1.1 | 18 |
| 236 | Oponization of Bacteria by Uterine Secretions of Cyclic Mares. American Journal of Reproductive Immunology and Microbiology: AJRIM, 1985, 9, 119-123. | 1.5 | 17 |
| 237 | Effect of Bovine Interferon on Acute Changes in Body Temperature and Serum Progesterone Concentration in Heifers. Journal of Dairy Science, 1990, 73, 3439-3448. | 1.4 | 17 |
| 238 | Progesterone-induced secretion of dipeptidyl peptidase-IV (cluster differentiation antigen-26) by the uterine endometrium of the ewe and cow that costimulates lymphocyte proliferation.. Endocrinology, 1995, 136, 779-787. | 1.4 | 17 |
| 239 | Interactions between the immune system and the bovine conceptus. Theriogenology, 1997, 47, 121-130. | 0.9 | 17 |
| 240 | Actions of thermal stress in two-cell bovine embryos: oxygen metabolism, glutathione and ATP content, and the time-course of development. Reproduction, 2004, 128, 33-42. | 1.1 | 17 |
| 241 | Effectiveness of administration of gonadotropin-releasing hormone at Days 11, 14 or 15 after anticipated ovulation for increasing fertility of lactating dairy cows and non-lactating heifers. Theriogenology, 2006, 66, 945-954. | 0.9 | 17 |
| 242 | Fertility of Lactating Dairy Cows Administered Recombinant Bovine Somatotropin During Heat Stress. Journal of Dairy Science, 2007, 90, 341-351. | 1.4 | 17 |
| 243 | Medawar Redux – An Overview on the Use of Farm Animal Models to Elucidate Principles of Reproductive Immunology. American Journal of Reproductive Immunology, 2010, 64, 225-230. | 1.2 | 17 |
| 244 | Role of ROCK signaling in formation of the trophectoderm of the bovine preimplantation embryo. Molecular Reproduction and Development, 2018, 85, 374-375. | 1.0 | 17 |
| 245 | Effects of sex on response of the bovine preimplantation embryo to insulin-like growth factor 1, activin A, and WNT7A. BMC Developmental Biology, 2018, 18, 16. | 2.1 | 17 |
| 246 | Short estrous cycles in postpartum cows as influenced by level of milk production, suckling, diet, season of calving and interval to first estrus. Theriogenology, 1982, 18, 383-392. | 0.9 | 16 |
| 247 | Characteristics of candidate genes associated with embryonic development in the cow: Evidence for a role for WBP1 in development to the blastocyst stage. PLoS ONE, 2017, 12, e0178041. | 1.1 | 16 |
| 248 | Physiological profile of undifferentiated bovine blastocyst-derived trophoblasts. Biology Open, 2019, 8, . | 0.6 | 16 |
| 249 | Cows exposed to heat stress during fetal life exhibit improved thermal tolerance. Journal of Animal Science, 2017, 95, 3497. | 0.2 | 16 |
| 250 | Inhibition of Lymphocyte Proliferation by Uterine Fluid from the Pregnant Ewe1. Biology of Reproduction, 1989, 41, 1063-1075. | 1.2 | 15 |
| 251 | Purification of bovine trophoblast protein-1 complex and quantification of its microheterogeneous variants as affected by culture conditions. Journal of Reproductive Immunology, 1990, 18, 271-291. | 0.8 | 15 |
| 252 | Effect of Bovine Interferon- β , on Body Temperature and Plasma Progesterone Concentrations in Cyclic Dairy Cows. Journal of Dairy Science, 1995, 78, 1470-1476. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 253 | Short Communication: Lack of Breed Differences in Responses of Bovine Spermatozoa to Heat Shock. <i>Journal of Dairy Science</i> , 1999, 82, 2617-2619. | 1.4 | 15 |
| 254 | ACP5 (Uteroferrin): Phylogeny of an Ancient and Conserved Gene Expressed in the Endometrium of Mammals ¹ . <i>Biology of Reproduction</i> , 2012, 86, 123. | 1.2 | 15 |
| 255 | Melatonin slightly alleviates the effect of heat shock on bovine oocytes and resulting blastocysts. <i>Theriogenology</i> , 2020, 158, 477-489. | 0.9 | 15 |
| 256 | Body Composition at Vaginal Opening in Mice as Influenced by Food Intake and Photoperiod: Tests of Critical Body Weight and Composition Hypotheses for Puberty Onset. <i>Biology of Reproduction</i> , 1983, 29, 924-931. | 1.2 | 14 |
| 257 | Lack of effect of granulocyte-macrophage colony-stimulating factor on secretion of interferon- γ , other proteins, and prostaglandin E ₂ by the bovine and ovine conceptus. <i>Domestic Animal Endocrinology</i> , 1997, 14, 193-197. | 0.8 | 14 |
| 258 | Distinct physical and structural properties of the ovine uterine serpin. <i>BBA - Proteins and Proteomics</i> , 2000, 1479, 37-51. | 2.1 | 14 |
| 259 | Consequences for the bovine embryo of being derived from a spermatozoon subjected to oxidative stress. <i>Australian Veterinary Journal</i> , 2010, 88, 307-310. | 0.5 | 14 |
| 260 | Genetic variation in resistance of the preimplantation bovine embryo to heat shock. <i>Reproduction, Fertility and Development</i> , 2015, 27, 22. | 0.1 | 14 |
| 261 | Regulation of gene expression in the bovine blastocyst by colony stimulating factor 2. <i>BMC Research Notes</i> , 2016, 9, 250. | 0.6 | 14 |
| 262 | Dickkopf-related protein 1 is a progesterone acting on the bovine embryo during the morula-to-blastocyst transition to program trophoblast elongation. <i>Scientific Reports</i> , 2019, 9, 11816. | 1.6 | 14 |
| 263 | The effect of photoperiod on serum concentrations of luteinizing and follicle stimulating hormones in prepubertal heifers following ovariectomy and estradiol injection. <i>Theriogenology</i> , 1982, 18, 551-559. | 0.9 | 13 |
| 264 | Effects of stallion seminal plasma on hydrogen peroxide release by leukocytes exposed to spermatozoa and bacteria. <i>Journal of Reproductive Immunology</i> , 1987, 10, 157-166. | 0.8 | 13 |
| 265 | Presence of the Major Progesterone-Induced Proteins of the Sheep Endometrium in Fetal Fluids ¹ . <i>Biology of Reproduction</i> , 1989, 40, 417-424. | 1.2 | 13 |
| 266 | Litter Characteristics of Gilts Artificially Inseminated with Transforming Growth Factor- β ² . <i>American Journal of Reproductive Immunology</i> , 2006, 56, 153-156. | 1.2 | 13 |
| 267 | The molecular phylogeny of uterine serpins and its relationship to evolution of placentation. <i>FASEB Journal</i> , 2010, 24, 526-537. | 0.2 | 13 |
| 268 | Antecedents of mammalian fertility: Lessons from the heat-stressed cow regarding the importance of oocyte competence for fertilization and embryonic development. <i>Animal Frontiers</i> , 2013, 3, 34-39. | 0.8 | 13 |
| 269 | Crosstalk between uterine serpin (SERPINA14) and pregnancy-associated glycoproteins at the fetal-maternal interface in pregnant dairy heifers experimentally infected with <i>Neospora caninum</i> . <i>Theriogenology</i> , 2016, 86, 824-830. | 0.9 | 13 |
| 270 | Thermoregulatory response of Brangus heifers to naturally occurring heat exposure on pasture. <i>Journal of Animal Science</i> , 2018, 96, 3131-3137. | 0.2 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | Actions of putative embryokines on development of the preimplantation bovine embryo to the blastocyst stage. <i>Journal of Dairy Science</i> , 2020, 103, 11930-11944. | 1.4 | 13 |
| 272 | Genes associated with survival of female bovine blastocysts produced in vivo. <i>Cell and Tissue Research</i> , 2020, 382, 665-678. | 1.5 | 13 |
| 273 | Effects of gossypol from cottonseed meal and dietary vitamin E on the reproductive characteristics of superovulated beef heifers. <i>Journal of Animal Science</i> , 2002, 80, 2485. | 0.2 | 13 |
| 274 | Binding of Ovine Uterine Serpin to Lymphocytes. <i>American Journal of Reproductive Immunology</i> , 1999, 41, 428-432. | 1.2 | 12 |
| 275 | Identification and cloning of caprine uterine serpin. <i>Molecular Reproduction and Development</i> , 2005, 70, 262-270. | 1.0 | 12 |
| 276 | Cheating death at the dawn of life: Developmental control of apoptotic repression in the preimplantation embryo. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 155-158. | 1.0 | 12 |
| 277 | Effects of choline on the phenotype of the cultured bovine preimplantation embryo. <i>Journal of Dairy Science</i> , 2020, 103, 10784-10796. | 1.4 | 12 |
| 278 | Importance of WNT-dependent signaling for derivation and maintenance of primed pluripotent bovine embryonic stem cells. <i>Biology of Reproduction</i> , 2021, 105, 52-63. | 1.2 | 12 |
| 279 | Atlas of receptor genes expressed by the bovine morula and corresponding ligand-related genes expressed by uterine endometrium. <i>Molecular Reproduction and Development</i> , 2021, 88, 694-704. | 1.0 | 12 |
| 280 | Effects of Interferon- β , and Interferon- γ on Proliferation of Bovine Endometrial Cells ¹ . <i>Biology of Reproduction</i> , 1994, 51, 700-705. | 1.2 | 11 |
| 281 | Short Communication: Seasonal Effects on Development of Bovine Embryos Produced by In Vitro Fertilization in a Hot Environment. <i>Journal of Dairy Science</i> , 2000, 83, 305-307. | 1.4 | 11 |
| 282 | Effects of gossypol from cottonseed meal and dietary vitamin E on the reproductive characteristics of superovulated beef heifers ¹² . <i>Journal of Animal Science</i> , 2002, 80, 2485-2492. | 0.2 | 11 |
| 283 | Antiproliferative Actions of Ovine Uterine Serpin. <i>American Journal of Reproductive Immunology</i> , 2005, 53, 136-143. | 1.2 | 11 |
| 284 | Regulation of DNA synthesis and the cell cycle in human prostate cancer cells and lymphocytes by ovine uterine serpin. <i>BMC Cell Biology</i> , 2008, 9, 5. | 3.0 | 11 |
| 285 | Maternal embryokines that regulate development of the bovine preimplantation embryo. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2014, 38, 589-598. | 0.2 | 11 |
| 286 | Aflatoxin compromises development of the preimplantation bovine embryo through mechanisms independent of reactive oxygen production. <i>Journal of Dairy Science</i> , 2019, 102, 10506-10513. | 1.4 | 11 |
| 287 | Choline acts during preimplantation development of the bovine embryo to program postnatal growth and alter muscle DNA methylation. <i>FASEB Journal</i> , 2021, 35, e21926. | 0.2 | 11 |
| 288 | Reproductive function of mares given daily injections of prostaglandin F ₂ α beginning at day 42 of pregnancy. <i>Theriogenology</i> , 1987, 27, 621-630. | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Effect of transfer of one or two in vitro-produced embryos and post-transfer administration of gonadotropin releasing hormone on pregnancy rates of heat-stressed dairy cattle. <i>Theriogenology</i> , 2006, 66, 224-233. | 0.9 | 10 |
| 290 | Effects of airport screening X-irradiation on bovine sperm chromatin integrity and embryo development. <i>Theriogenology</i> , 2010, 73, 267-272. | 0.9 | 10 |
| 291 | MG132 treatment during oocyte maturation improves embryonic development after somatic cell nuclear transfer and alters oocyte and embryo transcript abundance in pigs. <i>Molecular Reproduction and Development</i> , 2012, 79, 41-50. | 1.0 | 10 |
| 292 | The bovine embryo hatches from the zona pellucida through either the embryonic or abembryonic pole. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 725-731. | 1.2 | 10 |
| 293 | Role of chemokine (C-C motif) ligand 24 in spatial arrangement of the inner cell mass of the bovine embryo. <i>Biology of Reproduction</i> , 2017, 96, 948-959. | 1.2 | 10 |
| 294 | Inhibition of in vitro lymphocyte proliferation by ovine placenta-conditioned culture medium. <i>Journal of Reproductive Immunology</i> , 1991, 19, 25-41. | 0.8 | 9 |
| 295 | Differences in Lymphocyte-Regulatory Activity Among Variants of Ovine IFN- γ . <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 1001-1005. | 0.5 | 9 |
| 296 | Timing of Inhibitory Actions of Gossypol on Cultured Bovine Embryos. <i>Journal of Dairy Science</i> , 2005, 88, 922-928. | 1.4 | 9 |
| 297 | Economic and genetic performance of various combinations of in vitro-produced embryo transfers and artificial insemination in a dairy herd. <i>Journal of Dairy Science</i> , 2018, 101, 1540-1553. | 1.4 | 9 |
| 298 | Embryo and cow factors affecting pregnancy per embryo transfer for multiple-service, lactating Holstein recipients. <i>Translational Animal Science</i> , 2019, 3, 60-65. | 0.4 | 9 |
| 299 | Determinants of survival of the bovine blastocyst to cryopreservation stress: treatment with colony stimulating factor 2 during the morula-to-blastocyst transition and embryo sex. <i>CABI Agriculture and Bioscience</i> , 2020, 1, . | 1.1 | 9 |
| 300 | Effects of susceptibility of mares to endometritis and stage of cycle on phagocytic activity of uterine-derived neutrophils. <i>Journal of Reproduction and Fertility Supplement</i> , 1987, 35, 311-6. | 0.1 | 9 |
| 301 | Characterization of a High Molecular Weight Glycoprotein Secreted by the Peri-Implantation Bovine Conceptus1. <i>Biology of Reproduction</i> , 1988, 39, 553-560. | 1.2 | 8 |
| 302 | Analysis of Somatic Cell Count Data by a Peak Evaluation Algorithm to Determine Inflammation Events. <i>Journal of Dairy Science</i> , 1991, 74, 3396-3406. | 1.4 | 8 |
| 303 | Pregnancy success of lactating Holstein cows after a single administration of a sustained-release formulation of recombinant bovine somatotropin. <i>BMC Veterinary Research</i> , 2008, 4, 22. | 0.7 | 8 |
| 304 | Comparison between an exclusive in vitro-produced embryo transfer system and artificial insemination for genetic, technical, and financial herd performance. <i>Journal of Dairy Science</i> , 2017, 100, 5729-5745. | 1.4 | 8 |
| 305 | Programming of postnatal phenotype caused by exposure of cultured embryos from Brahman cattle to colony-stimulating factor 2 and serum. <i>Journal of Animal Science</i> , 2021, 99, . | 0.2 | 8 |
| 306 | Actions of CSF2 and DKK1 on bovine embryo development and pregnancy outcomes are affected by composition of embryo culture medium. <i>Scientific Reports</i> , 2022, 12, 7503. | 1.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 307 | Seasonal variation in development of in vitro produced bovine embryos. <i>Veterinary Record</i> , 2002, 150, 486-487. | 0.2 | 7 |
| 308 | Expression and Properties of Recombinant Ovine Uterine Serpin. <i>Experimental Biology and Medicine</i> , 2006, 231, 1313-1322. | 1.1 | 7 |
| 309 | Effects of hyaluronic acid in culture and cytochalasin B treatment before freezing on survival of cryopreserved bovine embryos produced in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2006, 42, 40-44. | 0.7 | 7 |
| 310 | Comparison of ovulation, fertilization and embryonic survival in low-fertility beef cows compared to fertile females. <i>Theriogenology</i> , 2010, 73, 1306-1310. | 0.9 | 7 |
| 311 | Sex affects immunolabeling for histone 3 K27me3 in the trophectoderm of the bovine blastocyst but not labeling for histone 3 K18ac. <i>PLoS ONE</i> , 2019, 14, e0223570. | 1.1 | 7 |
| 312 | Conditions of embryo culture from days 5 to 7 of development alter the DNA methylome of the bovine fetus at day 86 of gestation. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 417-426. | 1.2 | 7 |
| 313 | Regulation of gene expression in the bovine blastocyst by colony-stimulating factor 2 is disrupted by CRISPR/Cas9-mediated deletion of <i>CSF2RA</i> . <i>Biology of Reproduction</i> , 2021, 104, 995-1007. | 1.2 | 7 |
| 314 | Temporal relationship between progesterone and uterine lymphocyte-inhibitory activity in ewes. <i>Veterinary Record</i> , 1992, 131, 371-372. | 0.2 | 7 |
| 315 | Progesterone-dependent and progesterone-independent modulation of luminal epithelial transcription to support pregnancy in cattle. <i>Physiological Genomics</i> , 2022, 54, 71-85. | 1.0 | 7 |
| 316 | Modulation of thermal killing of bovine lymphocytes and preimplantation mouse embryos by alanine and taurine. <i>American Journal of Veterinary Research</i> , 1992, 53, 689-94. | 0.3 | 7 |
| 317 | Effects of Environment on Bovine Reproduction. , 2007, , 431-442. | | 6 |
| 318 | The Larson Blue coat color phenotype in Holsteins: Characteristics and effects on body temperature regulation and production in lactating cows in a hot climate1. <i>Journal of Animal Science</i> , 2017, 95, 1164-1169. | 0.2 | 6 |
| 319 | Effectiveness of tunnel ventilation as dairy cow housing in hot climates: rectal temperatures during heat stress and seasonal variation in milk yield. <i>Tropical Animal Health and Production</i> , 2020, 52, 2687-2693. | 0.5 | 6 |
| 320 | Regulation of NANOG and SOX2 expression by activin A and a canonical WNT agonist in bovine embryonic stem cells and blastocysts. <i>Biology Open</i> , 2021, 10, . | 0.6 | 6 |
| 321 | Effects of administration of recombinant bovine somatotropin on the responses of lactating and nonlactating cows to heat stress. <i>Journal of the American Veterinary Medical Association</i> , 1993, 203, 113-7. | 0.2 | 6 |
| 322 | Effects of the SLICK1 mutation in PRLR on regulation of core body temperature and global gene expression in liver in cattle. <i>Animal</i> , 2022, 16, 100523. | 1.3 | 6 |
| 323 | Identification of large offspring syndrome during pregnancy through ultrasonography and maternal blood transcriptome analyses. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 6 |
| 324 | Effect of induced pyometra on luteal lifespan and uterine fluid concentrations of prostaglandins and interferons in cows. <i>Theriogenology</i> , 1996, 45, 459-470. | 0.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 325 | Lymphocyte-mediated lysis of sheep chorion: susceptibility of chorionic cells to third-party and maternal cytotoxic lymphocytes and presence of cells in the endometrium exhibiting cytotoxicity toward natural-killer cell targets. <i>Theriogenology</i> , 2003, 59, 787-800. | 0.9 | 5 |
| 326 | Effects of bovine somatotropin and timed embryo transfer on pregnancy rates in non-lactating cattle. <i>Veterinary Record</i> , 2005, 156, 175-176. | 0.2 | 5 |
| 327 | 48 EFFECTS OF LIPID METABOLIC REGULATORS DURING BOVINE EMBRYO CULTURE ON BLASTOCYST DEVELOPMENT AND CRYOSURVIVAL. <i>Reproduction, Fertility and Development</i> , 2014, 26, 138. | 0.1 | 5 |
| 328 | Postnatal consequences of assisted reproductive technologies in cattle. <i>Animal Reproduction</i> , 2017, 14, 490-496. | 0.4 | 5 |
| 329 | Antisperm antibodies in cows after subcutaneous and intra-uterine immunisation. <i>Veterinary Record</i> , 1990, 126, 461-2. | 0.2 | 5 |
| 330 | Evolutionary history of the uterine serpins. <i>The Journal of Experimental Zoology</i> , 2000, 288, 165-74. | 1.4 | 5 |
| 331 | Involvement of free cholesterol and high-density lipoprotein in development and resistance of the preimplantation bovine embryo to heat shock ¹ . <i>Journal of Animal Science</i> , 2012, 90, 3762-3769. | 0.2 | 4 |
| 332 | RhoA/ROCK signaling antagonizes bovine trophoblast stem cell self-renewal and regulates preimplantation embryo size and differentiation. <i>Development (Cambridge)</i> , 2022, 149, . | 1.2 | 4 |
| 333 | Development of antibodies for studying conceptus interferons in the cow. <i>Journal of Reproductive Immunology</i> , 1990, 18, 205-223. | 0.8 | 3 |
| 334 | Role of prostaglandins in the development of hyperthermia in heat-stressed, lactating Holstein cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2003, 26, 435-437. | 0.6 | 3 |
| 335 | Importance of prostate androgen-regulated mucin-like protein 1 in development of the bovine blastocyst. <i>BMC Developmental Biology</i> , 2019, 19, 15. | 2.1 | 3 |
| 336 | Actions of colony-stimulating factor 3 on the maturing oocyte and developing embryo in cattle. <i>Journal of Animal Science</i> , 2020, 98, . | 0.2 | 3 |
| 337 | 276 FIBROBLAST GROWTH FACTOR 2 PROMOTES BOVINE OOCYTE MEIOTIC MATURATION AND DEVELOPMENTAL COMPETENCE. <i>Reproduction, Fertility and Development</i> , 2011, 23, 236. | 0.1 | 3 |
| 338 | Inheritance of the SLICK1 allele of <i>PRLR</i> in cattle. <i>Animal Genetics</i> , 2021, 52, 887-890. | 0.6 | 3 |
| 339 | Regulation of Lymphocyte Proliferation by Uterine Serpin: Interleukin-2 mRNA Production, CD25 Expression and Responsiveness to Interleukin-2. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 75-81. | 2.0 | 3 |
| 340 | The Larson Blue coat color phenotype in Holsteins: Characteristics and effects on body temperature regulation and production in lactating cows in a hot climate. <i>Journal of Animal Science</i> , 2017, 95, 1164. | 0.2 | 3 |
| 341 | Effect of in vitro heat shock upon the synthesis and secretion of prostaglandins and protein by uterine and placental tissues of the sheep. <i>Theriogenology</i> , 1990, 34, 231-249. | 0.9 | 2 |
| 342 | An improved method for specific-target preamplification PCR analysis of single blastocysts useful for embryo sexing and high-throughput gene expression analysis. <i>Journal of Dairy Science</i> , 2021, 104, 3722-3735. | 1.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | 208 EFFECT OF GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR ON BLASTOCYST DEVELOPMENT AND POST-TRANSFER SURVIVAL OF IN VITRO-PRODUCED BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2008, 20, 183. | 0.1 | 2 |
| 344 | 93 SEX-SPECIFIC DEVELOPMENTAL PROGRAMMING OF THE BOVINE EMBRYO BY COLONY STIMULATING FACTOR 2 (CSF2). <i>Reproduction, Fertility and Development</i> , 2014, 26, 160. | 0.1 | 2 |
| 345 | Modification of immune function during pregnancy by products of the sheep uterus and conceptus. <i>Journal of Reproduction and Fertility Supplement</i> , 1989, 37, 55-61. | 0.1 | 2 |
| 346 | Actions of WNT family member 5A to regulate characteristics of development of the bovine preimplantation embryo. <i>Biology of Reproduction</i> , 0, , . | 1.2 | 2 |
| 347 | Actions of DKK1 on the preimplantation bovine embryo to affect pregnancy establishment, placental function, and postnatal phenotype. <i>Biology of Reproduction</i> , 0, , . | 1.2 | 2 |
| 348 | 375 Importance of cellular resistance to elevated temperature as a determinant of the magnitude of adverse effects of heat stress on farm animals. <i>Journal of Animal Science</i> , 2019, 97, 121-122. | 0.2 | 1 |
| 349 | Stress in Dairy Animalsâ€™ Heat Stress: Effects on Reproduction. , 2020, , . | | 1 |
| 350 | 110 DEVELOPMENTAL CHANGES IN ACTIONS OF INSULIN-LIKE GROWTH FACTOR-I IN THE PREIMPLANTATION BOVINE EMBRYO-RECEPTOR EXPRESSION AND THERMOTOLERANCE. <i>Reproduction, Fertility and Development</i> , 2009, 21, 155. | 0.1 | 1 |
| 351 | 142 EFFECT OF GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR AND INSULIN-LIKE GROWTH FACTOR-1 ON DEVELOPMENT AND POST-TRANSFER SURVIVAL OF BOVINE EMBRYOS PRODUCED IN VITRO. <i>Reproduction, Fertility and Development</i> , 2009, 21, 170. | 0.1 | 1 |
| 352 | Survival vs. Death Pathways in the Thermally-Stressed Preimplantation Embryo.. <i>Biology of Reproduction</i> , 2008, 78, 277-277. | 1.2 | 1 |
| 353 | Physiological approaches to improving fertility during heat stress. , 0, , 5799-590. | | 1 |
| 354 | Effect of addition of ascorbate, dithiothreitol or a caspaseâ€³ inhibitor to cryopreservation medium on postâ€thaw survival of bovine embryos produced in vitro. <i>Reproduction in Domestic Animals</i> , 0, , . | 0.6 | 1 |
| 355 | Immunological aspects of reproduction in mammals. <i>Theriogenology</i> , 1985, 24, 149-150. | 0.9 | 0 |
| 356 | EFFECTS OF HYALURONIC ACID IN CULTURE AND CYTOCHALASIN B TREATMENT BEFORE FREEZING ON SURVIVAL OF CRYOPRESERVED BOVINE EMBRYOS PRODUCED IN VITRO. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2006, 42, 40. | 0.7 | 0 |
| 357 | Reconstruction of the methylome: Visualizing the ontogeny of DNA methylation in the bovine embryo. <i>Molecular Reproduction and Development</i> , 2014, 81, 99-99. | 1.0 | 0 |
| 358 | Consequences of conceptus exposure to colony-stimulating factor 2 on survival, elongation, interferon-Ī, secretion, and gene expression. <i>Reproduction</i> , 2014, 147, X1. | 1.1 | 0 |
| 359 | Stress in Dairy Animalsâ€™ Heat Stress: Effects on Reproduction â€†. , 2016, , . | | 0 |
| 360 | An interview with Katrin Hinrichs. <i>Biology of Reproduction</i> , 2017, 97, 657-659. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 361 | Heat stress and reproduction – A foreword. Theriogenology, 2021, 161, 271-272. | 0.9 | 0 |
| 362 | 123 OPTIMIZATION OF CULTURE CONDITIONS FOR IN-VITRO-PRODUCED BOVINE EMBRYOS TO ENHANCE BLASTOCYST YIELD AND SURVIVAL FOLLOWING VITRIFICATION. Reproduction, Fertility and Development, 2008, 20, 142. | 0.1 | 0 |
| 363 | 125 EXAMINING CRITERIA FOR EXTENDING BOVINE BLASTOCYST SURVIVAL IN VITRO. Reproduction, Fertility and Development, 2008, 20, 143. | 0.1 | 0 |
| 364 | 65 IMPACT OF AIRPORT RADIATION ON BOVINE SPERM DNA INTEGRITY, FERTILIZING ABILITY, AND EMBRYO DEVELOPMENT. Reproduction, Fertility and Development, 2009, 21, 132. | 0.1 | 0 |
| 365 | 244 CHANGES IN THE TRANSCRIPTOME OF THE BOVINE PRE-IMPLANTATION EMBRYO INDUCED BY COLONY-STIMULATING FACTOR-2. Reproduction, Fertility and Development, 2010, 22, 279. | 0.1 | 0 |
| 366 | 144 USE OF A NOVEL BOVINE EMBRYO CULTURE MEDIUM TO IMPROVE BLASTOCYST DEVELOPMENT AND SURVIVAL FOLLOWING VITRIFICATION. Reproduction, Fertility and Development, 2010, 22, 231. | 0.1 | 0 |
| 367 | 141 A NOVEL METHOD FOR PURIFICATION OF INNER CELL MASS AND TROPHECTODERM CELLS FROM BOVINE BLASTOCYSTS USING MAGNETIC ACTIVATED CELL SORTING. Reproduction, Fertility and Development, 2011, 23, 174. | 0.1 | 0 |
| 368 | 121 DEVELOPMENTAL CHANGES IN THERMOPROTECTIVE ACTIONS OF INSULIN-LIKE GROWTH FACTOR-1 ON THE PREIMPLANTATION BOVINE EMBRYO. Reproduction, Fertility and Development, 2011, 23, 165. | 0.1 | 0 |
| 369 | 146 CONSEQUENCES OF EMBRYONIC EXPOSURE TO COLONY-STIMULATING FACTOR 2 ON TROPHOBLAST ELONGATION, INTERFERON TAU SECRETION, AND GENE EXPRESSION IN THE EMBRYONIC DISC AND TROPHECTODERM. Reproduction, Fertility and Development, 2011, 23, 176. | 0.1 | 0 |
| 370 | 1048 Effect of exercise on ovarian function in cycling gilts. Journal of Animal Science, 2016, 94, 502-502. | 0.2 | 0 |
| 371 | Current and emerging reproductive technologies useful for genetic improvement. , 0, , 599-608. | | 0 |
| 372 | Incorporating Brahman Genetics in the Cow Herd to Alleviate Heat Stress. Edis, 2021, 2021, . | 0.0 | 0 |
| 373 | 137 Randel Lecture: Genetic control of thermotolerance in cattle at the whole-animal and cellular level. Journal of Animal Science, 2020, 98, 37-38. | 0.2 | 0 |