

# R Michael Roberts

## List of Publications by Year in descending order

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185  
papers

11,968  
citations

20817

60  
h-index

32842

100  
g-index

187  
all docs

187  
docs citations

187  
times ranked

8105  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Low O <sub>2</sub> tensions and the prevention of differentiation of hES cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4783-4788.  | 7.1  | 765       |
| 2  | Interferon-like sequence of ovine trophoblast protein secreted by embryonic trophectoderm. Nature, 1987, 330, 377-379.  | 27.8 | 451       |
| 3  | Derivation of induced pluripotent stem cells from pig somatic cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10993-10998.   | 7.1  | 434       |
| 4  | Establishment of Pregnancy in the Pig: I. Interrelationships Between Preimplantation Development of the Pig Blastocyst and Uterine Endometrial Secretions <sup>12</sup> . Biology of Reproduction, 1982, 27, 925-939.                                   | 2.7  | 355       |
| 5  | Establishment of Pregnancy in the Pig: II. Cellular Remodeling of the Porcine Blastocyst During Elongation on Day 12 of Pregnancy <sup>12</sup> . Biology of Reproduction, 1982, 27, 941-955.   | 2.7  | 259       |
| 6  | Interferons as Hormones of Pregnancy*. Endocrine Reviews, 1992, 13, 432-452.  | 20.1 | 252       |
| 7  | Maternal Diet and Other Factors Affecting Offspring Sex Ratio: A Review. Biology of Reproduction, 2004, 71, 1063-1070.  | 2.7  | 252       |
| 8  | Pregnancy-Associated Bovine and Ovine Glycoproteins Exhibit Spatially and Temporally Distinct Expression Patterns During Pregnancy <sup>1</sup> . Biology of Reproduction, 2000, 62, 1624-1631.   | 2.7  | 231       |
| 9  | Complete and unidirectional conversion of human embryonic stem cells to trophoblast by BMP4. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1212-21.  | 7.1  | 226       |
| 10 | The establishment of an ELISA for the detection of pregnancy-associated glycoproteins (PAGs) in the serum of pregnant cows and heifers. Theriogenology, 2005, 63, 1481-1503.  | 2.1  | 176       |
| 11 | Molecular Cloning and Characterization of Complementary Deoxyribonucleic Acids Corresponding to Bovine Trophoblast Protein-1: A Comparison with Ovine Trophoblast Protein-1 and Bovine Interferon- $\beta$ . Molecular Endocrinology, 1989, 3, 127-139. | 3.7  | 167       |
| 12 | Disruption of adult expression of sexually selected traits by developmental exposure to bisphenol A. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11715-11720.   | 7.1  | 159       |
| 13 | The Evolution of the Type I Interferons <sup>1</sup> . Journal of Interferon and Cytokine Research, 1998, 18, 805-816.  | 1.2  | 155       |
| 14 | Vulnerability of primitive human placental trophoblast to Zika virus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1587-E1596.  | 7.1  | 152       |
| 15 | Establishment of Pregnancy in the Pig: III. Endometrial Secretory Response to Estradiol Valerate Administered on Day 11 of the Estrous Cycle <sup>1,2,3</sup> . Biology of Reproduction, 1982, 27, 957-965.   | 2.7  | 145       |
| 16 | Trophoblast Stem Cells <sup>1</sup> . Biology of Reproduction, 2011, 84, 412-421.   | 2.7  | 142       |
| 17 | Comparison of syncytiotrophoblast generated from human embryonic stem cells and from term placentas. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2598-607.   | 7.1  | 142       |
| 18 | The evolution of the placenta. Reproduction, 2016, 152, R179-R189.  | 2.6  | 142       |

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|----|--|------|-----------|
| 19 | Expression of Bovine Trophoblast Interferon in Conceptuses Derived by in Vitro Techniques1. <i>Biology of Reproduction</i> , 1992, 47, 374-380.  | 2.7  | 137       |
| 20 | Maternal Recognition of Pregnancy1. <i>Biology of Reproduction</i> , 1996, 54, 294-302.  | 2.7  | 129       |
| 21 | Striking variation in the sex ratio of pups born to mice according to whether maternal diet is high in fat or carbohydrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4628-4632.                           | 7.1  | 129       |
| 22 | Differentiation of Induced Pluripotent Stem Cells of Swine into Rod Photoreceptors and Their Integration into the Retina. <i>Stem Cells</i> , 2011, 29, 972-980.   | 3.2  | 123       |
| 23 | Identification of Oxygen-Sensitive Transcriptional Programs in Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2008, 17, 869-882.  | 2.1  | 117       |
| 24 | Genes for the Trophoblast Interferons in Sheep, Goat, and Musk Ox and Distribution of Related Genes Among Mammals. <i>Journal of Interferon Research</i> , 1992, 12, 1-11.   | 1.2  | 110       |
| 25 | The Secretion of a Uterine Specific, Purple Phosphatase by Cultured Explants of Porcine Endometrium Dependency upon the State of Pregnancy of the Donor Animal1. <i>Biology of Reproduction</i> , 1979, 20, 431-441.   | 2.7  | 109       |
| 26 | Sex and dose-dependent effects of developmental exposure to bisphenol A on anxiety and spatial learning in deer mice ( <i>Peromyscus maniculatus bairdii</i> ) offspring. <i>Hormones and Behavior</i> , 2013, 63, 180-189.  | 2.1  | 109       |
| 27 | Interferons and the maternalâ€“conceptus dialog in mammals. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 170-177.   | 5.0  | 105       |
| 28 | Quadrupling efficiency in production of genetically modified pigs through improved oocyte maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5796-E5804.   | 7.1  | 102       |
| 29 | Effects of D-glucose concentration, D-fructose, and inhibitors of enzymes of the pentose phosphate pathway on the development and sex ratio of bovine blastocysts. <i>Molecular Reproduction and Development</i> , 2005, 72, 201-207.                                | 2.0  | 100       |
| 30 | Engraftment of human iPS cells and allogeneic porcine cells into pigs with inactivated <i>RAG2</i> and accompanying severe combined immunodeficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7260-7265. | 7.1  | 99        |
| 31 | Porcine induced pluripotent stem cells analogous to naive and primed embryonic stem cells of the mouse. <i>International Journal of Developmental Biology</i> , 2010, 54, 1703-1711.   | 0.6  | 98        |
| 32 | Placental Transport and Distribution of Uteroferrin in the Fetal Pig. <i>Biology of Reproduction</i> , 1982, 27, 1247-1260.  | 2.7  | 95        |
| 33 | Relationship between age of blastocyst formation and interferon- $\beta$ , secretion by in vitro-derived bovine embryos. <i>Molecular Reproduction and Development</i> , 1998, 49, 254-260.  | 2.0  | 95        |
| 34 | Interferon-tau, a Type 1 interferon involved in maternal recognition of pregnancy. <i>Cytokine and Growth Factor Reviews</i> , 2007, 18, 403-408.  | 7.2  | 95        |
| 35 | Cdx2 Gene Expression and Trophectoderm Lineage Specification in Mouse Embryos. <i>Science</i> , 2006, 311, 992-996.  | 12.6 | 94        |
| 36 | Repression of Ets-2-Induced Transactivation of the Tau Interferon Promoter by Oct-4. <i>Molecular and Cellular Biology</i> , 2001, 21, 7883-7891.  | 2.3  | 93        |

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|----|---|-----|-----------|
| 37 | Leukemia Inhibitory Factor (LIF)-dependent, Pluripotent Stem Cells Established from Inner Cell Mass of Porcine Embryos. <i>Journal of Biological Chemistry</i> , 2011, 286, 28948-28953.  | 3.4 | 93        |
| 38 | Bisphenol A and bisphenol S disruptions of the mouse placenta and potential effects on the placenta-brain axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4642-4652.                              | 7.1 | 92        |
| 39 | A Novel Glycoprotein of the Aspartic Proteinase Gene Family Expressed in Bovine Placental Trophectoderm1. <i>Biology of Reproduction</i> , 1994, 51, 1145-1153.   | 2.7 | 87        |
| 40 | Method for Obtaining Ovine Uterine Secretions from Unilaterally Pregnant Ewes1. <i>Journal of Animal Science</i> , 1979, 49, 1522-1527.   | 0.5 | 86        |
| 41 | Porcine Pregnancy-Associated Glycoproteins: New Members of the Aspartic Proteinase Gene Family Expressed in Trophectoderm1. <i>Biology of Reproduction</i> , 1995, 53, 21-28.   | 2.7 | 86        |
| 42 | Porcine Conceptuses Secrete an Interferon During the Preattachment Period of Early Pregnancy1. <i>Biology of Reproduction</i> , 1989, 40, 1109-1118.  | 2.7 | 85        |
| 43 | Pluripotent Stem Cells from Domesticated Mammals. <i>Annual Review of Animal Biosciences</i> , 2016, 4, 223-253.  | 7.4 | 85        |
| 44 | Caprine pregnancy-associated glycoproteins (PAG): Their cloning, expression, and evolutionary relationship to other PAG. <i>Molecular Reproduction and Development</i> , 2000, 57, 311-322.   | 2.0 | 84        |
| 45 | New and Atypical Families of Type I Interferons in Mammals: Comparative Functions, Structures, and Evolutionary Relationships1. <i>Progress in Molecular Biology and Translational Science</i> , 1997, 56, 287-325.   | 1.9 | 83        |
| 46 | Effects of FGF2 and oxygen in the BMP4-driven differentiation of trophoblast from human embryonic stem cells. <i>Stem Cell Research</i> , 2007, 1, 61-74.   | 0.7 | 83        |
| 47 | Conceptus Interferons and Maternal Recognition of Pregnancy1. <i>Biology of Reproduction</i> , 1989, 40, 449-452.   | 2.7 | 82        |
| 48 | Silencing of the Gene for the $\beta$ Subunit of Human Chorionic Gonadotropin by the Embryonic Transcription Factor Oct-3/4. <i>Journal of Biological Chemistry</i> , 1996, 271, 16683-16689.   | 3.4 | 81        |
| 49 | Expression of Interferon Receptor Subunits, IFNAR1 and IFNAR2, in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2002, 67, 847-853.  | 2.7 | 81        |
| 50 | Maternal Recognition of Pregnancy in Cattle. <i>Journal of Dairy Science</i> , 1984, 67, 2797-2811.   | 3.4 | 76        |
| 51 | The Promise of Stem Cell Research in Pigs and Other Ungulate Species. <i>Stem Cell Reviews and Reports</i> , 2010, 6, 31-41.  | 5.6 | 76        |
| 52 | Polymorphic Forms of Expressed Bovine Interferon- $\beta$ , Genes: Relative Transcript Abundance during Early Placental Development, Promoter Sequences of Genes and Biological Activity of Protein Products*. <i>Endocrinology</i> , 2001, 142, 2906-2915. | 2.8 | 75        |
| 53 | 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.                                      | 2.7 | 72        |
| 54 | Complex Binding of the Embryonic Interferon, Ovine Trophectoderm Protein-1, to Endometrial Receptors. <i>Journal of Interferon Research</i> , 1989, 9, 215-225.   | 1.2 | 72        |

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|----|--|-----|-----------|
| 55 | Effects of Developmental Bisphenol A Exposure on Reproductive-Related Behaviors in California Mice ( <i>Peromyscus californicus</i> ): A Monogamous Animal Model. <i>PLoS ONE</i> , 2013, 8, e55698.   | 2.5 | 72        |
| 56 | Progesterone-Induced Uterine Secretions in Pigs. Recovery from Pseudopregnant and Unilaterally Pregnant Gilts. <i>Journal of Animal Science</i> , 1980, 50, 113-123.   | 0.5 | 70        |
| 57 | Dynamics of trophoblast differentiation in peri-implantation stage human embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22635-22644.   | 7.1 | 68        |
| 58 | Effect of maternal obesity on estrous cyclicity, embryo development and blastocyst gene expression in a mouse model. <i>Human Reproduction</i> , 2012, 27, 3513-3522.  | 0.9 | 67        |
| 59 | Expression of bovine trophoblast interferons by in vitro-derived blastocysts is correlated with their morphological quality and stage of development. <i>Molecular Reproduction and Development</i> , 1993, 36, 1-6.                                   | 2.0 | 66        |
| 60 | Differentiation of trophoblast cells from human embryonic stem cells: to be or not to be?. <i>Reproduction</i> , 2014, 147, D1-D12.  | 2.6 | 66        |
| 61 | The Effect of Ovine Trophoblast Protein-One on Endometrial Protein Secretion and Cyclic Nucleotides. <i>Biology of Reproduction</i> , 1987, 37, 1307-1316.   | 2.7 | 64        |
| 62 | Expression of interleukin-6 in porcine, ovine, and bovine preimplantation conceptuses. <i>Molecular Reproduction and Development</i> , 1992, 32, 324-330.  | 2.0 | 63        |
| 63 | Heightened potency of human pluripotent stem cell lines created by transient BMP4 exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2337-46.  | 7.1 | 62        |
| 64 | The Production, Purification, and Bioactivity of Recombinant Bovine Trophoblast Protein-1 (Bovine Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50   | 3.7 | 60        |
| 65 | Multiple Pregnancy-Associated Glycoproteins are Secreted by Day 100 Ovine Placental Tissue. <i>Biology of Reproduction</i> , 1997, 57, 1384-1393.  | 2.7 | 60        |
| 66 | Effect of Interferon- $\gamma$ Administration on Endometrium of Nonpregnant Ewes: A Comparison with Pregnant Ewes. <i>Endocrinology</i> , 2006, 147, 2127-2137.  | 2.8 | 60        |
| 67 | Purification and characterization of human bone tartrate-resistant acid phosphatase. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 47-55.   | 2.8 | 60        |
| 68 | Characterization of the bovine type I IFN locus: rearrangements, expansions, and novel subfamilies. <i>BMC Genomics</i> , 2009, 10, 187.   | 2.8 | 58        |
| 69 | Maternal exposure to bisphenol A and genistein has minimal effect on offspring coat color but favors birth of agouti over nonagouti mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 537-542. | 7.1 | 58        |
| 70 | African and Asian strains of Zika virus differ in their ability to infect and lyse primitive human placental trophoblast. <i>PLoS ONE</i> , 2018, 13, e0200086.  | 2.5 | 58        |
| 71 | Biochemical aspects of conceptus-endometrial interactions. <i>The Journal of Experimental Zoology</i> , 1983, 228, 373-383.  | 1.4 | 56        |
| 72 | cDNA Sequence, Gene Organization, and Progesterone Induction of mRNA for Uteroferrin, a Porcine Uterine Iron Transport Protein. <i>DNA and Cell Biology</i> , 1989, 8, 543-554.  | 5.2 | 56        |

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|----|---|-----|-----------|
| 73 | Early onset preeclampsia in a model for human placental trophoblast. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4336-4345.   | 7.1 | 55        |
| 74 | Progesterone Induction of the Uterine Milk Proteins: Major Secretory Proteins of Sheep Endometrium. Biology of Reproduction, 1989, 41, 643-654.   | 2.7 | 54        |
| 75 | Model systems for studying trophoblast differentiation from human pluripotent stem cells. Cell and Tissue Research, 2012, 349, 809-824.   | 2.9 | 53        |
| 76 | Trophoblast gene expression: transcription factors in the specification of early trophoblast. Reproductive Biology and Endocrinology, 2004, 2, 47.  | 3.3 | 50        |
| 77 | Enhanced Development of Skeletal Myotubes from Porcine Induced Pluripotent Stem Cells. Scientific Reports, 2017, 7, 41833.  | 3.3 | 50        |
| 78 | Specification of trophoblast from embryonic stem cells exposed to BMP4. Biology of Reproduction, 2018, 99, 212-224.   | 2.7 | 49        |
| 79 | Identification of a New Aspartic Proteinase Expressed by the Outer Chorionic Cell Layer of the Equine Placenta. Biology of Reproduction, 1999, 60, 1069-1077.   | 2.7 | 48        |
| 80 | Aspartic Proteinase Phylogeny and the Origin of Pregnancy-Associated Glycoproteins. Molecular Biology and Evolution, 2003, 20, 1940-1945.   | 8.9 | 48        |
| 81 | Molecular Cloning of Ovine and Bovine Type I Interferon Receptor Subunits from Uteri, and Endometrial Expression of Messenger Ribonucleic Acid for Ovine Receptors During the Estrous Cycle and Pregnancy. Endocrinology, 1997, 138, 4757-4767. | 2.8 | 47        |
| 82 | Silencing of the Gene for the $\beta$ -Subunit of Human Chorionic Gonadotropin by the Embryonic Transcription Factor Oct-3/4. Molecular Endocrinology, 1997, 11, 1651-1658.   | 3.7 | 47        |
| 83 | Family of Kunitz proteins from trophoblast: Expression of the trophoblast Kunitz domain proteins (TKDP) in cattle and sheep. Molecular Reproduction and Development, 2003, 65, 30-40.   | 2.0 | 47        |
| 84 | Induced pluripotent stem cells from swine ( <i>Sus scrofa</i> ): Why they may prove to be important. Cell Cycle, 2009, 8, 3078-3081.  | 2.6 | 47        |
| 85 | Molecular Cloning and Temporal Expression during Pregnancy of the Messenger Ribonucleic Acid Encoding Uteroferrin, a Progesterone-Induced Uterine Secretory Protein. Molecular Endocrinology, 1988, 2, 253-262.                                 | 3.7 | 46        |
| 86 | Spatial navigation strategies in <i>Peromyscus</i> : a comparative study. Animal Behaviour, 2012, 84, 1141-1149.  | 1.9 | 45        |
| 87 | Secretory Function of the Ovine Uterus: Effects of Gestation and Steroid Replacement Therapy. Journal of Animal Science, 1987, 65, 1400-1410.   | 0.5 | 44        |
| 88 | Progressive accumulation of epigenetic heterogeneity during human ES cell culture. Epigenetics, 2009, 4, 330-338.   | 2.7 | 44        |
| 89 | Disruption of Parenting Behaviors in California Mice, a Monogamous Rodent Species, by Endocrine Disrupting Chemicals. PLoS ONE, 2015, 10, e0126284.   | 2.5 | 44        |
| 90 | Generation of Colonies of Induced Trophoblast Cells During Standard Reprogramming of Porcine Fibroblasts to Induced Pluripotent Stem Cells. Biology of Reproduction, 2011, 85, 779-787.   | 2.7 | 42        |

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|-----|---|-----|-----------|
| 91  | Efficient long-term cryopreservation of pluripotent stem cells at $\sim 80\% \text{ } ^\circ\text{C}$ . <i>Scientific Reports</i> , 2016, 6, 34476.   | 3.3 | 42        |
| 92  | Phosphoprotein phosphatase activity of the progesterone-induced purple glycoprotein of the porcine uterus. <i>Biochemical and Biophysical Research Communications</i> , 1976, 68, 450-455.  | 2.1 | 40        |
| 93  | Endocytosis of wheat germ agglutinin binding sites from the cell surface into a tubular endosomal network. <i>Journal of Cellular Physiology</i> , 1990, 143, 1-12.   | 4.1 | 40        |
| 94  | Chromosome 19 microRNAs exert antiviral activity independent from type III interferon signaling. <i>Placenta</i> , 2018, 61, 33-38.   | 1.5 | 40        |
| 95  | Syncytins expressed in human placental trophoblast. <i>Placenta</i> , 2021, 113, 8-14.  | 1.5 | 40        |
| 96  | Different Ovine Interferon-Tau Genes Are Not Expressed Identically and Their Protein Products Display Different Activities. <i>Biology of Reproduction</i> , 1998, 58, 566-573.   | 2.7 | 39        |
| 97  | Localization of the iron transport glycoprotein, uteroferrin, in the porcine endometrium and placenta by using immunocolloidal gold. <i>Anatomy and Embryology</i> , 1985, 171, 253-258.  | 1.5 | 38        |
| 98  | 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. | 1.4 | 38        |
| 99  | Independent Origin of IFN- $\tau$ and IFN- $\beta$ in Birds and Mammals. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 737-739.  | 1.2 | 38        |
| 100 | A microarray analysis for genes regulated by interferon- $\beta$ , in ovine luminal epithelial cells. <i>Reproduction</i> , 2007, 134, 123-135.   | 2.6 | 37        |
| 101 | The Incorporation of d-Glucosamine into Glycolipids and Glycoproteins of Membrane Preparations from <i>Phaseolus aureus</i> Hypocotyls. <i>Plant Physiology</i> , 1975, 55, 431-436.  | 4.8 | 36        |
| 102 | Suppression of Phytohemagglutinin-Stimulated Lymphocyte Blastogenesis by Ovine Uterine Milk Protein 2.3. <i>Biology of Reproduction</i> , 1984, 30, 1175-1186.  | 2.7 | 36        |
| 103 | Uteroferrin: A protein in search of a function. <i>BioEssays</i> , 1984, 1, 8-11.   | 2.5 | 36        |
| 104 | Molecular Cloning of the Uteroferrin-Associated Protein, a Major Progesterone-Induced Serpin Secreted by the Porcine Uterus, and the Expression of its mRNA during Pregnancy. <i>Molecular Endocrinology</i> , 1990, 4, 428-440.        | 3.7 | 36        |
| 105 | A link between SIN1 (MAPKAP1) and poly(rC) binding protein 2 (PCBP2) in counteracting environmental stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11673-11678.            | 7.1 | 36        |
| 106 | HIPSTR and thousands of lncRNAs are heterogeneously expressed in human embryos, primordial germ cells and stable cell lines. <i>Scientific Reports</i> , 2016, 6, 32753.  | 3.3 | 35        |
| 107 | The Cross-Species Antiviral Activities of Different IFN-tau Subtypes on Bovine, Murine, and Human Cells: Contradictory Evidence for Therapeutic Potential. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 1335-1341.    | 1.2 | 34        |
| 108 | Gene for porcine pregnancy-associated glycoprotein 2 (poPAG2): Its structural organization and analysis of its promoter. <i>Molecular Reproduction and Development</i> , 2001, 60, 137-146.   | 2.0 | 34        |



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|-----|---|-----|-----------|
| 109 | Interactions between Parents and Parents and Pups in the Monogamous California Mouse ( <i>Peromyscus</i> ) Tj ETQq1 1 0.784314 rgBT /Ov   | 2.5 | 34        |
| 110 | Development of Monozygotic Twin Mouse Embryos from the Time of Blastomere Separation at the Two-Cell Stage to Blastocyst1. <i>Biology of Reproduction</i> , 2010, 82, 1237-1247.  | 2.7 | 33        |
| 111 | Comparison of Glucose, Fructose, Ascorbic Acid and Glucosephosphate Isomerase Enzymatic Activity in Uterine Flushings from Nonpregnant and Pregnant Guts and Pony Mares12. <i>Biology of Reproduction</i> , 1982, 27, 1147-1158.    | 2.7 | 32        |
| 112 | Estrogen receptor- and aromatase-deficient mice provide insight into the roles of estrogen within the ovary and uterus. <i>Molecular Reproduction and Development</i> , 2001, 59, 336-346.  | 2.0 | 32        |
| 113 | A Central Role for Ets-2 in the Transcriptional Regulation and Cyclic Adenosine 5â€²-Monophosphate Responsiveness of the Human Chorionic Gonadotropin-Î² Subunit Gene. <i>Molecular Endocrinology</i> , 2003, 17, 11-26.            | 3.7 | 32        |
| 114 | A Classification for the Interferon-Î³. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 817-822.   | 1.2 | 31        |
| 115 | The Contrasting Effects of Ad Libitum and Restricted Feeding of a Diet Very High in Saturated Fats on Sex Ratio and Metabolic Hormones in Mice1. <i>Biology of Reproduction</i> , 2007, 77, 599-604.                                | 2.7 | 31        |
| 116 | The Antiproliferative and Antiviral Activities of IFN-Î³, Variants in Human Cells. <i>Journal of Interferon and Cytokine Research</i> , 1997, 17, 769-779.  | 1.2 | 30        |
| 117 | An Aspartic Proteinase Expressed in the Yolk Sac and Neonatal Stomach of the Mouse1. <i>Biology of Reproduction</i> , 2001, 65, 1092-1101.  | 2.7 | 30        |
| 118 | Biochemical Characterization and Biosynthesis of the Uterine Milk Proteins of the Pregnant Sheep Uterus1. <i>Biology of Reproduction</i> , 1987, 36, 405-418.   | 2.7 | 29        |
| 119 | The Role of Homeobox Protein Distal-Less 3 and Its Interaction with ETS2 in Regulating Bovine Interferon-Tau Gene Expression-Synergistic Transcriptional Activation with ETS21. <i>Biology of Reproduction</i> , 2008, 79, 115-124. | 2.7 | 28        |
| 120 | Deciphering transcriptional regulation in human embryonic stem cells specified towards a trophoblast fate. <i>Scientific Reports</i> , 2017, 7, 17257.  | 3.3 | 28        |
| 121 | A Novel Group of Interferons Associated with the Early Ovine and Bovine Embryo. <i>Journal of Interferon Research</i> , 1989, 9, 373-378.   | 1.2 | 27        |
| 122 | Identification of the Expressed Forms of Ovine Interferon-Tau in the Periimplantation Conceptus: Sequence Relationships and ComparativeBiological Activities1. <i>Biology of Reproduction</i> , 1999, 61, 1592-1600.                | 2.7 | 27        |
| 123 | Livestock Models for Exploiting the Promise of Pluripotent Stem Cells. <i>ILAR Journal</i> , 2015, 56, 74-82.   | 1.8 | 27        |
| 124 | A Three-Dimensional Model of Interferon-Î³. <i>Journal of Interferon and Cytokine Research</i> , 1995, 15, 1053-1060.   | 1.2 | 26        |
| 125 | Trophoblast-specific processing and phosphorylation of pregnancy- associated glycoprotein-1 in day 15 to 25 sheep placenta. <i>Biology of Reproduction</i> , 1996, 54, 122-129.   | 2.7 | 26        |
| 126 | Peptidases from pig reproductive tract: Purification and properties of aminopeptidases from uterine secretions, allantoic fluid, and amniotic fluid. <i>Archives of Biochemistry and Biophysics</i> , 1978, 185, 174-184.           | 3.0 | 25        |



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|-----|---|-----|-----------|
| 127 | A role for interferons in early pregnancy. <i>BioEssays</i> , 1991, 13, 121-126.  | 2.5 | 25        |
| 128 | Regulation of Interferon- $\beta$ , (IFN- $\beta$ ), Gene Promoters by Growth Factors that Target the Ets-2 Composite Enhancer: A Possible Model for Maternal Control of IFN- $\beta$ , Production by the Conceptus during Early Pregnancy. <i>Endocrinology</i> , 2004, 145, 4452-4460.                        | 2.8 | 25        |
| 129 | Squelching of ETS2 Transactivation by POU5F1 Silences the Human Chorionic Gonadotropin CGA Subunit Gene in Human Choriocarcinoma and Embryonic Stem Cells. <i>Molecular Endocrinology</i> , 2012, 26, 859-872.  | 3.7 | 25        |
| 130 | Use of a human embryonic stem cell model to discover GABRP, WFDC2, VTCN1 and ACTC1 as markers of early first trimester human trophoblast. <i>Molecular Human Reproduction</i> , 2020, 26, 425-440.  | 2.8 | 25        |
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