Jeremy Block

List of Publications by Year in descending order

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42 papers	1,503 citations	279701 23 h-index	302012 39 g-index
43 all docs	43 docs citations	43 times ranked	1223 citing authors

#	Article	IF	Citations
1	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
2	Effects of Dietary Unsaturated Fatty Acids on Oocyte Quality and Follicular Development in Lactating Dairy Cows in Summer. Journal of Dairy Science, 2006, 89, 3891-3903.	1.4	123
3	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Uterine infection: Linking infection and innate immunity with infertility in the high-producing dairy cow1,2. Journal of Animal Science, 2015, 93, 2021-2033.	0.2	93
4	The WNT signaling antagonist Dickkopfâ€1 directs lineage commitment and promotes survival of the preimplantation embryo. FASEB Journal, 2014, 28, 3975-3986.	0.2	92
5	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
6	Pregnancy rates following timed embryo transfer with fresh or vitrified in vitro produced embryos in lactating dairy cows under heat stress conditions. Theriogenology, 2002, 58, 171-182.	0.9	72
7	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. Journal of Animal Science, 2003, 81, 1590.	0.2	69
8	Interaction between season and culture with insulin-like growth factor-1 on survival of in vitro produced embryos following transfer to lactating dairy cows. Theriogenology, 2007, 67, 1518-1529.	0.9	65
9	Efficacy of embryo transfer in lactating dairy cows during summer using fresh or vitrified embryos produced in vitro with sex-sorted semen. Journal of Dairy Science, 2011, 94, 3437-3445.	1.4	57
10	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. Theriogenology, 2009, 71, 1063-1071.	0.9	51
11	Effects of insulinâ€like growth factorâ€1 on cellular and molecular characteristics of bovine blastocysts produced in vitro. Molecular Reproduction and Development, 2008, 75, 895-903.	1.0	50
12	Consequences of transfer of an in vitro-produced embryo for the dam and resultant calf. Journal of Dairy Science, 2014, 97, 229-239.	1.4	48
13	Improving post-transfer survival of bovine embryos produced in vitro: Actions of insulin-like growth factor-1, colony stimulating factor-2 and hyaluronan. Theriogenology, 2011, 76, 1602-1609.	0.9	47
14	Efficacy of in vitro embryo transfer in lactating dairy cows using fresh or vitrified embryos produced in a novel embryo culture medium. Journal of Dairy Science, 2010, 93, 5234-5242.	1.4	43
15	Sexual Dimorphism in Developmental Programming of the Bovine Preimplantation Embryo Caused by Colony-Stimulating Factor 21. Biology of Reproduction, 2014, 91, 80.	1.2	42
16	Consequences of conceptus exposure to colony-stimulating factor 2 on survival, elongation, interferon-ï„ secretion, and gene expression. Reproduction, 2011, 141, 617-624.	1.1	40
17	Changes in the transcriptome of morula-stage bovine embryos caused by heat shock: relationship to developmental acquisition of thermotolerance. Reproductive Biology and Endocrinology, 2013, 11, 3.	1.4	38
18	The effect of in vitro treatment of bovine embryos with IGF-1 on subsequent development in utero to Day 14 of gestation. Theriogenology, 2007, 68, 153-161.	0.9	37

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19	Pregnancy rates of lactating cows after transfer of inÂvitro produced embryos using X-sorted sperm. Theriogenology, 2013, 79, 453-461.	0.9	30
20	Effects of gamete source and culture conditions on the competence of in vitro-produced embryos for post-transfer survival in cattle. Reproduction, Fertility and Development, 2010, 22, 59.	0.1	29
21	Persistent effects on bovine granulosa cell transcriptome after resolution of uterine disease. Reproduction, 2019, 158, 35-46.	1.1	28
22	Treatment with the Proteasome Inhibitor MG132 during the End of Oocyte Maturation Improves Oocyte Competence for Development after Fertilization in Cattle. PLoS ONE, 2012, 7, e48613.	1.1	27
23	Effect of addition of l-carnitine to media for oocyte maturation and embryo culture on development and cryotolerance of bovine embryos produced inÂvitro. Theriogenology, 2019, 133, 135-143.	0.9	24
24	Molecular fingerprint of female bovine embryos produced in vitro with high competence to establish and maintain pregnancyâ€. Biology of Reproduction, 2020, 102, 292-305.	1.2	23
25	Differences between Brahman and Holstein cows in response to estrus synchronization, superovulation and resistance of embryos to heat shock. Animal Reproduction Science, 2003, 78, 13-24.	0.5	22
26	Experimentally Induced Endometritis Impairs the Developmental Capacity of Bovine Oocytesâ€. Biology of Reproduction, 2020, 103, 508-520.	1.2	18
27	Uterine infection alters the transcriptome of the bovine reproductive tract three months later. Reproduction, 2020, 160, 93-107.	1.1	18
28	Fertility of Lactating Dairy Cows Administered Recombinant Bovine Somatotropin During Heat Stress. Journal of Dairy Science, 2007, 90, 341-351.	1.4	17
29	Genes associated with survival of female bovine blastocysts produced in vivo. Cell and Tissue Research, 2020, 382, 665-678.	1.5	13
30	Choline acts during preimplantation development of the bovine embryo to program postnatal growth and alter muscle DNA methylation. FASEB Journal, 2021, 35, e21926.	0.2	11
31	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. Theriogenology, 2006, 66, 224-233.	0.9	10
32	Economic and genetic performance of various combinations of in vitro-produced embryo transfers and artificial insemination in a dairy herd. Journal of Dairy Science, 2018, 101, 1540-1553.	1.4	9
33	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. CABI Agriculture and Bioscience, 2020, 1, .	1.1	9
34	Comparison between an exclusive in vitroâ€“produced embryo transfer system and artificial insemination for genetic, technical, and financial herd performance. Journal of Dairy Science, 2017, 100, 5729-5745.	1.4	8
35	Programming of postnatal phenotype caused by exposure of cultured embryos from Brahman cattle to colony-stimulating factor 2 and serum. Journal of Animal Science, 2021, 99, .	0.2	8
36	Uterine infusion of bacteria alters the transcriptome of bovine oocytes. FASEB BioAdvances, 2020, 2, 506-520.	1.3	7

#	Article	IF	Citations
37	Effects of bovine somatotropin and timed embryo transfer on pregnancy rates in nonâ€lactating cattle. Veterinary Record, 2005, 156, 175-176.	0.2	5
38	Early results from the BRCA Founder Outreach (BFOR) Study: Population genetic screening using a medical model.. Journal of Clinical Oncology, 2019, 37, 1578-1578.	0.8	5
39	Effect of addition of ascorbate, dithiothreitol or a caspaseâ€3 inhibitor to cryopreservation medium on postâ€thaw survival of bovine embryos produced in vitro. Reproduction in Domestic Animals, 0, , .	0.6	1
40	Erratum to â€œEfficacy of in vitro embryo transfer in lactating dairy cows using fresh or vitrified embryos produced in a novel embryo culture mediumâ€•(J. Dairy Sci. 93:5234â€“5242). Journal of Dairy Science, 2014, 97, 7305.	1.4	0
41	Consequences of conceptus exposure to colony-stimulating factor 2 on survival, elongation, interferon-Ï„ secretion, and gene expression. Reproduction, 2014, 147, X1.	1.1	0
42	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