

Patricia Kubo Fontes

List of Publications by Year in descending order

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34
papers

551
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623574

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docs citations

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times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Paternal effect does not affect in vitro embryo morphokinetics but modulates molecular profile. <i>Theriogenology</i> , 2022, 178, 30-39.	0.9	1
2	Evaluation of a serum-free culture medium for the enhanced vitrification cryosurvival of bovine in vitro-derived embryos. <i>Livestock Science</i> , 2022, 260, 104922.	0.6	0
3	Influence of cAMP modulator supplementation of in vitro culture medium on <i>Bos taurus indicus</i> embryos. <i>Theriogenology</i> , 2020, 141, 134-141.	0.9	6
4	Can extracellular vesicles from bovine ovarian follicular fluid modulate the in-vitro oocyte meiosis progression similarly to the CNP-NPR2 system?. <i>Theriogenology</i> , 2020, 157, 210-217.	0.9	12
5	Autophagy is a pro-survival adaptive response to heat shock in bovine cumulus-oocyte complexes. <i>Scientific Reports</i> , 2020, 10, 13711.	1.6	23
6	Tricarboxylic Acid Cycle Metabolites as Mediators of DNA Methylation Reprogramming in Bovine Preimplantation Embryos. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6868.	1.8	16
7	The dynamics between in vitro culture and metabolism: embryonic adaptation to environmental changes. <i>Scientific Reports</i> , 2020, 10, 15672.	1.6	22
8	Transcriptional profiling of embryo cryotolerance. <i>Molecular Reproduction and Development</i> , 2020, 87, 1245-1259.	1.0	3
9	Bona fide gene expression analysis of samples from the bovine reproductive system by microfluidic platform. <i>Analytical Biochemistry</i> , 2020, 596, 113641.	1.1	9
10	The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of in vitro produced bovine embryos. <i>Theriogenology</i> , 2019, 123, 30-36.	0.9	24
11	Equine chorionic gonadotropin drives the transcriptional profile of immature cumulus-oocyte complexes and in vitro produced blastocysts of superstimulated Nelore cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1639-1651.	1.0	7
12	Equine chorionic gonadotropin increases estradiol levels in the bovine oviduct and drives the transcription of genes related to fertilization in superstimulated cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1582-1591.	1.0	3
13	Use of pregnancy-associated plasma protein-A during oocyte in vitro maturation increases IGF1 and affects the transcriptional profile of cumulus cells and embryos from Nelore cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1694-1704.	1.0	5
14	Modulation of long-chain Acyl-CoA synthetase on the development, lipid deposit and cryosurvival of in vitro produced bovine embryos. <i>PLoS ONE</i> , 2019, 14, e0220731.	1.1	11
15	Differences in embryonic gene expression and quality indicate the benefit of epidermal growth factor receptor inhibitor during prematuration to improve competence in bovine oocytes. <i>Reproduction in Domestic Animals</i> , 2019, 54, 666-677.	0.6	4
16	Extracellular vesicles of follicular fluid from heat-stressed cows modify the gene expression of in vitro-matured oocytes. <i>Animal Reproduction Science</i> , 2019, 205, 94-104.	0.5	18
17	Simulated physiological oocyte maturation has side effects on bovine oocytes and embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 413-424.	1.2	10
18	Influence of forskolin supplementation on embryos produced in vitro. <i>Livestock Science</i> , 2019, 221, 15-18.	0.6	2

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19	Follicular environment as a predictive tool for embryo development and kinetics in cattle. <i>Reproduction, Fertility and Development</i> , 2019, 31, 451.	0.1	7
20	Supplementing in vitro embryo production media by NPPC and sildenafil affect the cytoplasmic lipid content and gene expression of bovine cumulus-oocyte complexes and embryos. <i>Reproductive Biology</i> , 2018, 18, 66-75.	0.9	13
21	Effect of superstimulation on the expression of microRNAs and genes involved in steroidogenesis and ovulation in Nelore cows. <i>Theriogenology</i> , 2018, 110, 192-200.	0.9	16
22	Can the antral follicular count modulate the gene expression of bovine oviducts in Aberdeen Angus and Nelore heifers?. <i>PLoS ONE</i> , 2018, 13, e0202017.	1.1	8
23	Treatment with cyclic adenosine monophosphate modulators prior to in vitro maturation alters the lipid composition and transcript profile of bovine cumulus oocyte complexes and blastocysts. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1314.	0.1	16
24	Genome-wide screening of DNA methylation in bovine blastocysts with different kinetics of development. <i>Epigenetics and Chromatin</i> , 2018, 11, 1.	1.8	56
25	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017, 94, 64-70.	0.9	14
26	Gene expression profile in heat-shocked Holstein and Nelore oocytes and cumulus cells. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1787.	0.1	20
27	Antioxidant responses and deregulation of epigenetic writers and erasers link oxidative stress and DNA methylation in bovine blastocysts. <i>Molecular Reproduction and Development</i> , 2017, 84, 1296-1305.	1.0	26
28	Renin-Angiotensin System on Reproductive Biology. , 2017, , .		1
29	Oxidative Stress Alters the Profile of Transcription Factors Related to Early Development on <i>In Vitro</i> Produced Embryos. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	34
30	Pre-hatching embryo-dependent and -independent programming of endometrial function in cattle. <i>PLoS ONE</i> , 2017, 12, e0175954.	1.1	85
31	Effects of FGF10 on Bovine Oocyte Meiosis Progression, Apoptosis, Embryo Development and Relative Abundance of Developmentally Important Genes <i>In Vitro</i> . <i>Reproduction in Domestic Animals</i> , 2015, 50, 84-90.	0.6	15
32	Prostaglandin receptors (EP2 and EP4) and angiotensin receptor (AGTR2) mRNA expression increases in the oviducts of Nelore cows submitted to ovarian superstimulation. <i>Animal Reproduction Science</i> , 2014, 151, 112-118.	0.5	9
33	Ovarian superstimulation using FSH combined with equine chorionic gonadotropin (eCG) upregulates mRNA-encoding proteins involved with LH receptor intracellular signaling in granulosa cells from Nelore cows. <i>Theriogenology</i> , 2014, 82, 1199-1205.	0.9	28
34	Effect of superstimulatory treatments on the expression of genes related to ovulatory capacity, oocyte competence and embryo development in cattle. <i>Reproduction, Fertility and Development</i> , 2013, 25, 17.	0.1	24