

Patricia Kubo Fontes

List of Publications by Year in descending order

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34
papers

551
citations

623574

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677027

22
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35
all docs

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docs citations

35
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-hatching embryo-dependent and -independent programming of endometrial function in cattle. <i>PLoS ONE</i> , 2017, 12, e0175954.	1.1	85
2	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
3	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
4	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
5	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
6	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
7	The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of <i>In Vitro</i> produced bovine embryos. <i>Theriogenology</i> , 2019, 123, 30-36.	0.9	24
8	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
9	The dynamics between <i>in vitro</i> culture and metabolism: embryonic adaptation to environmental changes. <i>Scientific Reports</i> , 2020, 10, 15672.	1.6	22
10	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
11	Extracellular vesicles of follicular fluid from heat-stressed cows modify the gene expression of <i>in vitro</i> -matured oocytes. <i>Animal Reproduction Science</i> , 2019, 205, 94-104.	0.5	18
12	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
13	Treatment with cyclic adenosine monophosphate modulators prior to <i>in vitro</i> 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
14	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
15	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
16	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017, 94, 64-70.	0.9	14
17	Supplementing <i>in vitro</i> 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
18	Can extracellular vesicles from bovine ovarian follicular fluid modulate the <i>in vitro</i> oocyte meiosis progression similarly to the CNP-NPR2 system?. <i>Theriogenology</i> , 2020, 157, 210-217.	0.9	12

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19	Modulation of long-chain Acyl-CoA synthetase on the development, lipid deposit and cryosurvival of in vitro produced bovine embryos. PLoS ONE, 2019, 14, e0220731.	1.1	11
20	Simulated physiological oocyte maturation has side effects on bovine oocytes and embryos. Journal of Assisted Reproduction and Genetics, 2019, 36, 413-424.	1.2	10
21	Prostaglandin receptors (EP2 and EP4) and angiotensin receptor (AGTR2) mRNA expression increases in the oviducts of Nelore cows submitted to ovarian superstimulation. Animal Reproduction Science, 2014, 151, 112-118.	0.5	9
22	Bona fide gene expression analysis of samples from the bovine reproductive system by microfluidic platform. Analytical Biochemistry, 2020, 596, 113641.	1.1	9
23	Can the antral follicular count modulate the gene expression of bovine oviducts in Aberdeen Angus and Nelore heifers?. PLoS ONE, 2018, 13, e0202017.	1.1	8
24	Equine chorionic gonadotropin drives the transcriptional profile of immature cumulus-oocyte complexes and in vitro-produced blastocysts of superstimulated Nelore cows. Molecular Reproduction and Development, 2019, 86, 1639-1651.	1.0	7
25	Follicular environment as a predictive tool for embryo development and kinetics in cattle. Reproduction, Fertility and Development, 2019, 31, 451.	0.1	7
26	Influence of cAMP modulator supplementation of in vitro culture medium on Bos taurus indicus embryos. Theriogenology, 2020, 141, 134-141.	0.9	6
27	Use of pregnancy-associated plasma protein-A during oocyte in vitro maturation increases IGF-1 and affects the transcriptional profile of cumulus cells and embryos from Nelore cows. Molecular Reproduction and Development, 2019, 86, 1694-1704.	1.0	5
28	Differences in embryonic gene expression and quality indicate the benefit of epidermal growth factor receptor inhibitor during prematuration to improve competence in bovine oocytes. Reproduction in Domestic Animals, 2019, 54, 666-677.	0.6	4
29	Equine chorionic gonadotropin increases estradiol levels in the bovine oviduct and drives the transcription of genes related to fertilization in superstimulated cows. Molecular Reproduction and Development, 2019, 86, 1582-1591.	1.0	3
30	Transcriptional profiling of embryo cryotolerance. Molecular Reproduction and Development, 2020, 87, 1245-1259.	1.0	3
31	Influence of forskolin supplementation on embryos produced in vitro. Livestock Science, 2019, 221, 15-18.	0.6	2
32	Renin-Angiotensin System on Reproductive Biology. , 2017, , .		1
33	Paternal effect does not affect in vitro embryo morphokinetics but modulates molecular profile. Theriogenology, 2022, 178, 30-39.	0.9	1
34	Evaluation of a serum-free culture medium for the enhanced vitrification cryosurvival of bovine in vitro-derived embryos. Livestock Science, 2022, 260, 104922.	0.6	0