

Marcella Pecora Milazzotto

List of Publications by Year in descending order

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43
papers

583
citations

567281
15
h-index

713466
21
g-index

46
all docs

46
docs citations

46
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Paternal effect does not affect inÂvitro embryo morphokinetics but modulates molecular profile. Theriogenology, 2022, 178, 30-39.	2.1	1
2	Mining RNAseq data reveals dynamic metaboloepigenetic profiles in human, mouse and bovine pre-implantation embryos. IScience, 2022, 25, 103904.	4.1	5
3	Biochemical markers for pregnancy in the spent culture medium of in vitro produced bovine embryos. Biology of Reproduction, 2021, 105, 481-490.	2.7	5
4	Metabolism-driven post-translational modifications of H3K9 in early bovine embryos. Reproduction, 2021, 162, 181-191.	2.6	7
5	Less is more: Reduced nutrient concentration during inÂvitro culture improves embryo production rates and morphophysiology of bovine embryos. Theriogenology, 2021, 173, 37-47.	2.1	10
6	Silencing mark H3K27me3 is differently reprogrammed in bovine embryos with distinct kinetics of development. Reproduction in Domestic Animals, 2021, , .	1.4	4
7	Tricarboxylic Acid Cycle Metabolites as Mediators of DNA Methylation Reprogramming in Bovine Preimplantation Embryos. International Journal of Molecular Sciences, 2020, 21, 6868.	4.1	16
8	The dynamics between in vitro culture and metabolism: embryonic adaptation to environmental changes. Scientific Reports, 2020, 10, 15672.	3.3	22
9	Changes in fertilization medium viscosity using hyaluronic acid impact bull sperm motility and acrosome status. Reproduction in Domestic Animals, 2020, 55, 974-983.	1.4	3
10	Erasing gametes to write blastocysts: metabolism as the new player in epigenetic reprogramming. Animal Reproduction, 2020, 17, e20200015.	1.0	15
11	The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of inÂvitro produced bovine embryos. Theriogenology, 2019, 123, 30-36.	2.1	24
12	Lipid characterization of <i>in vitro</i>-produced bovine embryos with distinct kinetics of development. Zygote, 2019, 27, 413-422.	1.1	13
13	Follicular environment as a predictive tool for embryo development and kinetics in cattle. Reproduction, Fertility and Development, 2019, 31, 451.	0.4	7
14	Influence of follicle size on bovine oocyte lipid composition, follicular metabolic and stress markers, embryo development and blastocyst lipid content. Reproduction, Fertility and Development, 2019, 31, 462.	0.4	18
15	Comprehensive lipid profiling of early stage oocytes and embryos by MRM profiling. Journal of Mass Spectrometry, 2018, 53, 1247-1252.	1.6	42
16	Genome-wide screening of DNA methylation in bovine blastocysts with different kinetics of development. Epigenetics and Chromatin, 2018, 11, 1.	3.9	56
17	Oxidative Stress Alters the Profile of Transcription Factors Related to Early Development on <i>In Vitro</i> Produced Embryos. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	34
18	Effective individual culture system for in vitro production of bovine embryos. Brazilian Journal of Veterinary Research and Animal Science, 2017, 54, 209.	0.2	4

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19	Correlation of Oxytocin (OTR) and Estrogen Receptor (ER) mRNA in the Canine Placenta with the Detected Circulating Levels of Oxytocin and Estrogen during Pregnancy and Parturition. American Journal of Animal and Veterinary Sciences, 2016, 11, 11-17.	0.5	1
20	Early cleavages influence the molecular and the metabolic pattern of individually cultured bovine blastocysts. Molecular Reproduction and Development, 2016, 83, 324-336.	2.0	36
21	Noninvasive characterization of metabolites secreted in culture media by bovine embryos during in vitro production. Metabolomics, 2016, 12, 1.	3.0	5
22	Raman-based noninvasive metabolic profile evaluation of <i>in vitro</i> bovine embryos. Journal of Biomedical Optics, 2016, 21, 075002.	2.6	11
23	Effects of photobiomodulation therapy (PBMT) on bovine sperm function. Lasers in Medical Science, 2016, 31, 1245-1250.	2.1	21
24	Morphokinetic-related response to stress in individually cultured bovine embryos. Theriogenology, 2016, 86, 1308-1317.	2.1	13
25	Cell viability of bovine spermatozoa subjected to DNA electroporation and DNase I treatment. Theriogenology, 2016, 85, 1312-1322.	2.1	8
26	Efficient Condensation of DNA into Environmentally Responsive Polyplexes Produced from Block Cationomers Carrying Amine or Diamine Groups. Langmuir, 2016, 32, 577-586.	3.5	15
27	Receptores de estrôgeno e ocitocina no corpo fêmeo durante a gestação e parto em cadelas. Brazilian Journal of Veterinary Research and Animal Science, 2015, 51, 346.	0.2	1
28	Comparison of different methods for exogenous DNA uptake by bovine spermatozoa. Brazilian Journal of Veterinary Research and Animal Science, 2015, 52, 78.	0.2	3
29	Rapid and noninvasive technique to assess the metabolomics profile of bovine embryos produced in vitro by Raman spectroscopy. Biomedical Optics Express, 2015, 6, 2830.	2.9	11
30	Photobiological effect of low-level laser irradiation in bovine embryo production system. Journal of Biomedical Optics, 2014, 19, 035006.	2.6	13
31	Sperm-mediated gene transfer: effect on bovine <i>in vitro</i> embryo production. Zygote, 2013, 21, 325-329.	1.1	6
32	Low-level laser therapy on MCF-7 cells: a micro-Fourier transform infrared spectroscopy study. Journal of Biomedical Optics, 2012, 17, 1015161.	2.6	20
33	The Mechanism of Oocyte Activation Influences the Cell Cycle-Related Genes Expression During Bovine Preimplantation Development. Cellular Reprogramming, 2012, 14, 418-424.	0.9	5
34	Vibrational spectroscopy characterization of low level laser therapy on mammary culture cells: a micro-FTIR study. Proceedings of SPIE, 2011, , .	0.8	0
35	Myostatin gene knockdown through lentiviral-mediated delivery of shRNA for <i>in vitro</i> production of transgenic bovine embryos. Zygote, 2010, 18, 339-344.	1.1	12
36	Exogenous DNA uptake by bovine spermatozoa does not induce DNA fragmentation. Theriogenology, 2010, 74, 563-568.	2.1	21

#	ARTICLE	IF	CITATIONS
37	Bovine sperm cells viability during incubation with or without exogenous DNA. <i>Zygote</i> , 2009, 17, 315-320.	1.1	17
38	Effect of Chemical or Electrical Activation of Bovine Oocytes on Blastocyst Development and Quality. <i>Reproduction in Domestic Animals</i> , 2008, 43, 319-322.	1.4	6
39	Collection and evaluation of semen from the three-toed sloth (<i>Bradypus tridactylus</i>). <i>Tissue and Cell</i> , 2008, 40, 325-331.	2.2	11
40	In vitro maturation of pig oocytes with different media, hormone and meiosis inhibitors. <i>Animal Reproduction Science</i> , 2007, 97, 375-381.	1.5	32
41	Effects of Serum Deprivation and Cycloheximide on Cell Cycle of Low and High Passage Porcine Fetal Fibroblasts. <i>Reproduction in Domestic Animals</i> , 2007, 42, 660-663.	1.4	20
42	DNA sequence, polymorphism, and mapping of luteinizing hormone receptor fragment (LHCGR) gene in Great Dane dogs. <i>Animal Genetics</i> , 2004, 35, 74-75.	1.7	0
43	Polymorphisms in the bovine follicle-stimulating hormone receptor gene. <i>Animal Genetics</i> , 2000, 31, 280-281.	1.7	6