

Margot Alves Nunes Dode

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80
papers

1,280
citations

20
h-index

34
g-index

84
ext. papers

1,452
ext. citations

2.2
avg, IF

4.24
L-index

#	Paper	IF	Citations
80	Effect of Percoll volume, duration and force of centrifugation, on in vitro production and sex ratio of bovine embryos. <i>Theriogenology</i> , 2009 , 71, 1289-97	2.8	86
79	Sexual development in early- and late-maturing <i>Bos indicus</i> and <i>Bos indicus</i> x <i>Bos taurus</i> crossbred bulls in Brazil. <i>Theriogenology</i> , 2004 , 62, 1198-217	2.8	74
78	Quality assessment of bovine cryopreserved sperm after sexing by flow cytometry and their use in in vitro embryo production. <i>Theriogenology</i> , 2010 , 74, 1521-30	2.8	73
77	Effect of follicle size on mRNA expression in cumulus cells and oocytes of <i>Bos indicus</i> : an approach to identify marker genes for developmental competence. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 655-64	1.8	72
76	Oxygen tension during in vitro culture of bovine embryos: effect in production and expression of genes related to oxidative stress. <i>Animal Reproduction Science</i> , 2008 , 104, 132-42	2.1	67
75	Effects of freeze-drying on cytology, ultrastructure, DNA fragmentation, and fertilizing ability of bovine sperm. <i>Theriogenology</i> , 2007 , 67, 1307-15	2.8	61
74	Quantitative expression of candidate genes for developmental competence in bovine two-cell embryos. <i>Molecular Reproduction and Development</i> , 2006 , 73, 288-97	2.6	53
73	Nanoscale differences in the shape and size of X and Y chromosome-bearing bovine sperm heads assessed by atomic force microscopy. <i>PLoS ONE</i> , 2013 , 8, e59387	3.7	40
72	Recovery, cryopreservation and fertilization potential of bovine spermatozoa obtained from epididymides stored at 5 degrees C by different periods of time. <i>Animal Reproduction Science</i> , 2009 , 116, 50-7	2.1	40
71	Effects of scrotal insulation in Nellore bulls (<i>Bos taurus indicus</i>) on seminal quality and its relationship with in vitro fertilizing ability. <i>Theriogenology</i> , 2008 , 70, 1560-8	2.8	40
70	Involvement of steroid hormones on in vitro maturation of pig oocytes. <i>Theriogenology</i> , 2002 , 57, 811-21	2.8	40
69	Cryopreservation of epididymal bovine spermatozoa from dead animals and its uses in vitro embryo production. <i>Animal Reproduction Science</i> , 2007 , 101, 326-31	2.1	38
68	Assessment of the effect of adding L-carnitine and/or resveratrol to maturation medium before vitrification on in vitro-matured calf oocytes. <i>Theriogenology</i> , 2017 , 89, 47-57	2.8	33
67	Evaluation of different culture systems on the in vitro production of bovine embryos. <i>Theriogenology</i> , 2005 , 63, 1131-41	2.8	32
66	Evaluation of the simulated physiological oocyte maturation system for improving bovine in vitro embryo production. <i>Theriogenology</i> , 2015 , 83, 52-7	2.8	31
65	Post-hatching development of in vitro bovine embryos from day 7 to 14 in vivo versus in vitro. <i>Molecular Reproduction and Development</i> , 2013 , 80, 936-47	2.6	26
64	Role of estradiol-17beta on nuclear and cytoplasmic maturation of pig oocytes. <i>Animal Reproduction Science</i> , 2003 , 78, 99-110	2.1	26

63	Methylation status in the intragenic differentially methylated region of the IGF2 locus in <i>Bos taurus indicus</i> oocytes with different developmental competencies. <i>Molecular Human Reproduction</i> , 2011 , 17, 85-91	4.4	25
62	Vitrification of bovine oocytes at different meiotic stages using the Cryotop method: assessment of morphological, molecular and functional patterns. <i>Cryobiology</i> , 2014 , 69, 256-65	2.7	24
61	Effects of Different Maturation Systems on Bovine Oocyte Quality, Plasma Membrane Phospholipid Composition and Resistance to Vitrification and Warming. <i>PLoS ONE</i> , 2015 , 10, e0130164	3.7	24
60	Effect of vitrification using the Cryotop method on the gene expression profile of in vitro-produced bovine embryos. <i>Theriogenology</i> , 2016 , 85, 724-33.e1	2.8	19
59	The effect of sperm preparation and co-incubation time on in vitro fertilization of <i>Bos indicus</i> oocytes. <i>Animal Reproduction Science</i> , 2002 , 69, 15-23	2.1	18
58	Identification of molecular markers for oocyte competence in bovine cumulus cells. <i>Animal Genetics</i> , 2017 , 48, 19-29	2.5	17
57	The methylation patterns of the IGF2 and IGF2R genes in bovine spermatozoa are not affected by flow-cytometric sex sorting. <i>Molecular Reproduction and Development</i> , 2012 , 79, 77-84	2.6	16
56	Biopsy of bovine embryos produced in vivo and in vitro does not affect pregnancy rates. <i>Theriogenology</i> , 2017 , 90, 25-31	2.8	15
55	Molecular markers for oocyte competence in bovine cumulus cells. <i>Theriogenology</i> , 2016 , 85, 1167-76	2.8	15
54	Transcription profile of candidate genes for the acquisition of competence during oocyte growth in cattle. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 781-9	1.6	15
53	Evaluation of saline and coconut water solutions in the preservation of sheep preantral follicles in situ. <i>Small Ruminant Research</i> , 2002 , 43, 235-243	1.7	15
52	Effect of the exposure to methyl- β -cyclodextrin prior to chilling or vitrification on the viability of bovine immature oocytes. <i>Cryobiology</i> , 2012 , 65, 319-25	2.7	14
51	Characterization of the IGF2 Imprinted Gene Methylation Status in Bovine Oocytes during Folliculogenesis. <i>PLoS ONE</i> , 2015 , 10, e0142072	3.7	12
50	Melatonin reduces apoptotic cells, SOD2 and HSPB1 and improves the in vitro production and quality of bovine blastocysts. <i>Reproduction in Domestic Animals</i> , 2018 , 53, 226-236	1.6	12
49	Effect of prematuration and maturation with fibroblast growth factor 10 (FGF10) on in vitro development of bovine oocytes. <i>Theriogenology</i> , 2017 , 102, 190-198	2.8	11
48	Bovine in vitro embryo production: the effects of fibroblast growth factor 10 (FGF10). <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 383-390	3.4	11
47	Morphology, sex ratio and gene expression of day 14 in vivo and in vitro bovine embryos. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 600-8	1.8	11
46	A diet enriched in linoleic acid compromises the cryotolerance of embryos from superovulated beef heifers. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 511-20	1.8	11

45	Allele-specific expression of the MAOA gene and X chromosome inactivation in in vitro produced bovine embryos. <i>Molecular Reproduction and Development</i> , 2010 , 77, 615-21	2.6	11
44	Update and overview on assisted reproductive technologies (ARTs) in Brazil. <i>Animal Reproduction</i> , 2016 , 13, 300-312	1.7	11
43	Flow cytometry sex sorting affects bull sperm longevity and compromises their capacity to bind to oviductal cells. <i>Livestock Science</i> , 2018 , 207, 30-37	1.7	11
42	Development of bovine embryos reconstructed by nuclear transfer of transfected and non-transfected adult fibroblast cells. <i>Genetics and Molecular Research</i> , 2005 , 4, 55-66	1.2	11
41	Intrafollicular transfer of fresh and vitrified immature bovine oocytes. <i>Theriogenology</i> , 2016 , 86, 2054-62	2.8	10
40	Post-hatching development of bovine embryos in vitro: the effects of tunnel preparation and gender. <i>Zygote</i> , 2012 , 20, 123-34	1.6	10
39	Meiotic arrest as an alternative to increase the production of bovine embryos by somatic cell nuclear transfer. <i>Zygote</i> , 2017 , 25, 32-40	1.6	9
38	DNA methylation and functional characterization of the XIST gene during early embryo development in cattle. <i>Epigenetics</i> , 2019 , 14, 568-588	5.7	8
37	Effect of insulin-transferrin-selenium (ITS) and l-ascorbic acid (AA) during in vitro maturation on in vitro bovine embryo development. <i>Zygote</i> , 2016 , 24, 890-899	1.6	8
36	Production of transgenic cattle by somatic cell nuclear transfer (SCNT) with the human granulocyte colony-stimulation factor (hG-CSF). <i>Journal of Animal Science and Technology</i> , 2019 , 61, 61-68	1.6	7
35	Bovine epididymal spermatozoa: Resistance to cryopreservation and binding ability to oviductal cells. <i>Cryobiology</i> , 2016 , 73, 348-355	2.7	7
34	Bovine epididymal spermatozoa treatment for in vitro fertilization: Heparin accelerates fertilization and enables a reduction in coincubation time. <i>PLoS ONE</i> , 2019 , 14, e0209692	3.7	6
33	Effect of delipidant agents during in vitro culture on the development, lipid content, gene expression and cryotolerance of bovine embryos. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 11-20	1.6	6
32	Intraovarian injection of mesenchymal stem cells improves oocyte yield and in vitro embryo production in a bovine model of fertility loss. <i>Scientific Reports</i> , 2020 , 10, 8018	4.9	5
31	The Replacement of Fetal Bovine Serum with Bovine Serum Albumin During Oocyte Maturation and Embryo Culture Does Not Improve Blastocyst Quality After Slow Freezing Cryopreservation. <i>Biopreservation and Biobanking</i> , 2020 , 18, 171-179	2.1	4
30	Effect of sex on cryotolerance of bovine embryos produced in vitro. <i>Theriogenology</i> , 2020 , 141, 219-227	2.8	4
29	DNA Methylation of the Insulin-Like Growth Factor 2-Imprinted Gene in Trophoblast Cells of Elongated Bovine Embryo: Effects of the Culture. <i>Cellular Reprogramming</i> , 2019 , 21, 260-269	2.1	3
28	Techniques for sperm evaluation using fluorescent probes. <i>Semina:Ciencias Agrarias</i> , 2015 , 36, 4365	0.6	3

27	Efeito do tamanho do folículo na maturação nuclear e citoplasmática de ovócitos de fêmeas zebuínas. <i>Pesquisa Agropecuária Brasileira</i> , 2000 , 35, 207-214	1.8	3
26	Change in energy metabolism of in vitro produced embryos: an alternative to make them more cryoresistant?. <i>Semina: Ciências Agrárias</i> , 2017 , 38, 2237	0.6	2
25	The dynamics of gene expression, lipid composition and DNA methylation reprogramming are different during in vitro maturation of pig oocytes obtained from prepubertal gilts and cycling sows. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 1217-1229	1.6	2
24	Characterisation of the methylation pattern in the intragenic CpG island of the IGF2 gene in <i>Bos taurus indicus</i> cumulus cells during in vitro maturation. <i>Journal of Assisted Reproduction and Genetics</i> , 2014 , 31, 115-20	3.4	2
23	Isolate [®] and Optiprep [®] minigradients as alternatives for sperm selection in bovine in vitro embryo production. <i>Canadian Journal of Animal Science</i> , 2014 , 94, 35-42	0.9	2
22	Cinética de espermatozoides criopreservados de bovinos após sexagem por citometria de fluxo. <i>Pesquisa Agropecuária Brasileira</i> , 2009 , 44, 1346-1351	1.8	2
21	Evaluation of hypo-osmotic swelling test and supra vital staining technique as indicators for donkey semen freezability. <i>Pferdeheilkunde</i> , 2017 , 33, 159-164	1.8	2
20	Effects of the addition of oocyte meiosis-inhibiting drugs on the expression of maturation-promoting factor components and organization of cytoplasmic organelles. <i>Reproductive Biology</i> , 2020 , 20, 48-62	2.3	2
19	Distribution of 5-methylcytosine and 5-hydroxymethylcytosine in bovine fetal tissue of the placenta. <i>Pesquisa Veterinária Brasileira</i> , 2018 , 38, 2012-2018	0.4	2
18	Morphological characterization and conservation of bovine spermatogenic cells by refrigeration at 4°C and freezing using different cryoprotective molecules. <i>Cryobiology</i> , 2015 , 71, 47-53	2.7	1
17	Effects of Prostaglandins E2 and F2 on the in vitro maturation of bovine oocytes. <i>Domestic Animal Endocrinology</i> , 2020 , 72, 106447	2.3	1
16	Histone acetylation during the in vitro maturation of bovine oocytes with different levels of competence. <i>Reproduction, Fertility and Development</i> , 2020 , 32, 690-696	1.8	1
15	Ethanol Extract of Dried Leaves from the Biome Increases the Cryotolerance of Bovine Embryos Produced. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6046013	6.7	1
14	Histone deacetylase inhibitor during in vitro maturation decreases developmental capacity of bovine oocytes. <i>PLoS ONE</i> , 2021 , 16, e0247518	3.7	1
13	Electrospray mass spectrometry analysis of blastocoel fluid as a potential tool for bovine embryo selection. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 2209-2217	3.4	1
12	Biochemical markers for pregnancy in the spent culture medium of in vitro produced bovine embryos. <i>Biology of Reproduction</i> , 2021 , 105, 481-490	3.9	1
11	Low levels of sulfur and cobalt during the pre- and periconceptual periods affect the oocyte yield of donors and the DNA methylome of preimplantation bovine embryos. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-13	2.4	1
10	The use of insulin-transferrin-selenium (ITS), and folic acid on individual in vitro embryo culture systems in cattle. <i>Theriogenology</i> , 2022 , 184, 153-161	2.8	1

9	Cattle breed affects in vitro embryo production in a large-scale commercial program on dairy farms. <i>Livestock Science</i> , 2020 , 240, 104135	1.7	o
8	Blastocoel fluid removal and melatonin supplementation in the culture medium improve the viability of vitrified bovine embryos. <i>Theriogenology</i> , 2021 , 160, 134-141	2.8	o
7	Maturation system affects lipid accumulation in bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2021 , 33, 372-380	1.8	o
6	Evaluaci3n del semen criopreservado de toros Curraleiro PDUro, perteneciente al Banco Brasileiro de Germoplasma Animal. <i>Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales</i> , 2014 , 54, 135-140		
5	Expression Profile of Candidates Genes for the Acquisition of Competence During Oocyte Growth in Bovine.. <i>Biology of Reproduction</i> , 2011 , 85, 414-414	3.9	
4	Shape and size of epididymal sperm from Gir bulls using atomic force microscopy: A nanoscale characterization of epididymal sperm. <i>Reproductive Biology</i> , 2020 , 20, 37-41	2.3	
3	Transcriptome of D14 in vivo x in vitro bovine embryos: is there any difference?. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021 , 57, 598-609	2.6	
2	Effect of different cryopreservation extenders added with antioxidants on semen quality and in vitro embryo production efficiency in cattle. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20191229	1.4	
1	Protein source in maturation media affects gene expression in cumulus cells and embryo development in cattle.. <i>Animal Biotechnology</i> , 2021 , 1-14	1.4	