

Nasser Ghanem

List of Publications by Year in descending order

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41
papers

1,100
citations

471371

17
h-index

395590

33
g-index

43
all docs

43
docs citations

43
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of miRNAs expressed in the bovine ovary. BMC Genomics, 2009, 10, 443.	1.2	129
2	Molecular and subcellular characterisation of oocytes screened for their developmental competence based on glucose-6-phosphate dehydrogenase activity. Reproduction, 2008, 135, 197-212.	1.1	96
3	Bovine pretransfer endometrium and embryo transcriptome fingerprints as predictors of pregnancy success after embryo transfer. Physiological Genomics, 2010, 42, 201-218.	1.0	94
4	Gene expression profile of cumulus cells derived from cumulus - oocyte complexes matured either in vivo or in vitro. Reproduction, Fertility and Development, 2009, 21, 451.	0.1	83
5	Bovine blastocysts with developmental competence to term share similar expression of developmentally important genes although derived from different culture environments. Reproduction, 2011, 142, 551-564.	1.1	71
6	Effect of reproductive tract environment following controlled ovarian hyperstimulation treatment on embryo development and global transcriptome profile of blastocysts: implications for animal breeding and human assisted reproduction. Human Reproduction, 2011, 26, 1693-1707.	0.4	65
7	Effect of the microenvironment and embryo density on developmental characteristics and gene expression profile of bovine preimplantative embryos cultured in vitro. Reproduction, 2009, 137, 415-425.	1.1	51
8	Alterations in transcript abundance of bovine oocytes recovered at growth and dominance phases of the first follicular wave. BMC Developmental Biology, 2007, 7, 90.	2.1	47
9	Differential expression of selected candidate genes in bovine embryos produced in vitro and cultured with chemicals modulating lipid metabolism. Theriogenology, 2014, 82, 238-250.	0.9	42
10	Transcriptional response of the bovine endometrium and embryo to endometrial polymorphonuclear neutrophil infiltration as an indicator of subclinical inflammation of the uterine environment. Reproduction, Fertility and Development, 2012, 24, 778.	0.1	40
11	Integrated ovarian mRNA and miRNA transcriptome profiling characterizes the genetic basis of prolificacy traits in sheep (<i>Ovis aries</i>). BMC Genomics, 2018, 19, 104.	1.2	38
12	Incidence of apoptosis and transcript abundance in bovine follicular cells is associated with the quality of the enclosed oocyte. Theriogenology, 2012, 78, 656-669.e5.	0.9	31
13	Identification and characterization of miRNAs in the ovaries of a highly prolific sheep breed. Animal Genetics, 2016, 47, 234-239.	0.6	31
14	G6PDH-activity in equine oocytes correlates with morphology, expression of candidate genes for viability, and preimplantative in vitro development. Theriogenology, 2011, 76, 1215-1226.	0.9	28
15	In Vivo and In Vitro Evaluation of Bull Semen Processed with Zinc (Zn) Nanoparticles. Biological Trace Element Research, 2021, 199, 126-135.	1.9	25
16	Characteristics of ovarian follicular dynamics throughout the estrous cycle of Egyptian buffaloes. Animal Reproduction Science, 2009, 110, 326-334.	0.5	21
17	The Anti-inflammatory Hormone Profile is Linked with the In Vitro Embryo Production Capacity and Embryo Viability after Transfer but Cannot Predict Pregnancy Outcome. Reproduction in Domestic Animals, 2016, 51, 301-310.	0.6	19
18	Genetic Features of Reproductive Traits in Bovine and Buffalo: Lessons From Bovine to Buffalo. Frontiers in Genetics, 2021, 12, 617128.	1.1	18

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19	Suppression of the transcription factor MSX1 gene delays bovine preimplantation embryo development in vitro. <i>Reproduction</i> , 2010, 139, 857-870.	1.1	17
20	Mitochondrial content and gene expression profiles in oocyte-derived embryos of cattle selected on the basis of brilliant cresyl blue staining. <i>Animal Reproduction Science</i> , 2013, 142, 19-27.	0.5	17
21	cDNA microarray analysis of gene expression in parthenotes and in vitro produced buffalo embryos. <i>Theriogenology</i> , 2012, 77, 1240-1251.	0.9	13
22	Coculturing cumulus oocyte complexes with denuded oocytes alters zona pellucida ultrastructure in in vitro matured bovine oocytes. <i>Theriogenology</i> , 2013, 80, 1117-1123.	0.9	13
23	Effect of peroxiredoxin II on the quality and mitochondrial activity of pre-implantation bovine embryos. <i>Animal Reproduction Science</i> , 2015, 159, 172-183.	0.5	13
24	Transcriptional Analysis of Buffalo (<i>Bubalus bubalis</i>) Oocytes During In Vitro Maturation Using Bovine cDNA Microarray. <i>Reproduction in Domestic Animals</i> , 2010, 45, 63-74.	0.6	12
25	Production of female bovine embryos with sex-sorted sperm using intracytoplasmic sperm injection: Efficiency and in vitro developmental competence. <i>Theriogenology</i> , 2014, 81, 675-682.e1.	0.9	12
26	Bioinformatics analysis of candidate genes for milk production traits in water buffalo (<i>Bubalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46.	0.5	11
27	Oocyte maturation with royal jelly increases embryo development and reduces apoptosis in goats. <i>Animal Reproduction</i> , 2018, 15, 124-134.	0.4	11
28	Quality improvement of transgenic cloned bovine embryos using an aggregation method: Effects on cell number, cell ratio, embryo perimeter, mitochondrial distribution, and gene expression profile. <i>Theriogenology</i> , 2015, 84, 509-523.	0.9	10
29	Developmental competence of equine oocytes: impacts of zona pellucida birefringence and maternally derived transcript expression. <i>Reproduction, Fertility and Development</i> , 2014, 26, 441.	0.1	9
30	Effects of Flunixin Meglumine and Prostaglandin F _{2α} Treatments on the Development and Quality of Bovine Embryos In Vitro. <i>Reproduction in Domestic Animals</i> , 2014, 49, 957-963.	0.6	6
31	Interaction of donor age, parity and repeated recovery of cumulus oocyte complexes by ovum pick-up on in vitro embryo production and viability after transfer. <i>Livestock Science</i> , 2016, 188, 43-47.	0.6	5
32	Transcriptome profile and association study revealed STAT3 gene as a potential quality marker of bovine gametes. <i>Zygote</i> , 2020, 28, 116-130.	0.5	5
33	Adaptive and Biological Responses of Buffalo Granulosa Cells Exposed to Heat Stress under In Vitro Condition. <i>Animals</i> , 2021, 11, 794.	1.0	5
34	Physiological and molecular aspects of heat-treated cultured granulosa cells of Egyptian buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2021, 224, 106665.	0.5	4
35	Effect of flunixin meglumine and aspirin administration on conception rate and estrous cycle characteristics of Egyptian Baladi cows during hot season. <i>Tropical Animal Health and Production</i> , 2020, 52, 2969-2976.	0.5	2
36	Gene Expression Profile and Enzymatic Activities of Frozen Buck Sperm Supplemented with Melatonin in Cold and Hot Temperatures.. <i>Journal of World's Poultry Research</i> , 2020, 10, 125-136.	0.2	2

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37	Cellular and molecular alterations of buffalo oocytes cultured under two different levels of oxygen tension during in vitro maturation. <i>Zygote</i> , 2021, 29, 314-324.	0.5	1
38	Developmental Competence of Buffalo Oocytes Cultured Under Different Oxygen Tensions after Selection with Brilliant Cresyl Blue. <i>Journal of World's Poultry Research</i> , 2020, 10, 246-253.	0.2	1
39	Effect of Heat Stress on Developmental Competence of In Vitro Matured Oocytes of Camelus Dromedaries with Different Qualities. <i>World's Veterinary Journal</i> , 2020, 10, 658-664.	0.1	1
40	Effects of Curcumin Supplementation on Viability and Antioxidant Capacity of Buffalo Granulosa Cells under In Vitro Culture Conditions. <i>Journal of World's Poultry Research</i> , 2020, 10, 146-159.	0.2	0
41	Transcriptional, Mitochondrial Activity, and Viability of Egyptian Buffalo's Granulosa Cells In Vitro Cultured under Heat Elevation. <i>World's Veterinary Journal</i> , 2021, 11, 193-201.	0.1	0