

Teresa Mogas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

1,469
citations

24
h-index

36
g-index

79
ext. papers

1,598
ext. citations

2.4
avg, IF

4.27
L-index

#	Paper	IF	Citations
75	Impact of equilibration duration combined with temperature on the outcome of bovine oocyte vitrification.. <i>Theriogenology</i> , 2022 , 184, 110-123	2.7	
74	Mild hypothermia and vitrification increase the mRNA expression of cold-inducible proteins in bovine oocytes and cumulus cells.. <i>Theriogenology</i> , 2022 , 185, 16-23	2.7	
73	Effect of cryoprotectant concentration on bovine oocyte permeability and comparison of two membrane permeability modelling approaches. <i>Scientific Reports</i> , 2021 , 11, 15387	4.7	1
72	A Shorter Equilibration Period Improves Post-Warming Outcomes after Vitrification and in Straw Dilution of In Vitro-Produced Bovine Embryos. <i>Biology</i> , 2021 , 10,	4.7	1
71	In Vitro Maturation with Leukemia Inhibitory Factor Prior to the Vitrification of Bovine Oocytes Improves Their Embryo Developmental Potential and Gene Expression in Oocytes and Embryos. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.1	3
70	In vitro maturation in the presence of Leukemia Inhibitory Factor modulates gene and miRNA expression in bovine oocytes and embryos. <i>Scientific Reports</i> , 2020 , 10, 17777	4.7	1
69	Glutathione Ethyl Ester Protects In Vitro Maturing Bovine Oocytes against Oxidative Stress Induced by Subsequent Vitrification/Warming. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.1	16
68	In vitro assessment of egg yolk-, soya bean lecithin- and liposome-based extenders for cryopreservation of dairy bull semen. <i>Animal Reproduction Science</i> , 2020 , 215, 106315	2	8
67	Induction of CIRBP expression by cold shock on bovine cumulus-oocyte complexes. <i>Reproduction in Domestic Animals</i> , 2019 , 54 Suppl 4, 82-85	1.5	2
66	Cryoprotectant role of exopolysaccharide of <i>Pseudomonas</i> sp. ID1 in the vitrification of IVM cow oocytes. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1507-1519	0.8	7
65	Update on the vitrification of bovine oocytes and invitro-produced embryos. <i>Reproduction, Fertility and Development</i> , 2018 , 31, 105-117	0.8	19
64	Exposure to hyperosmotic solutions modifies expression of AQP3 and AQP7 on bovine oocytes. <i>Cryobiology</i> , 2018 , 85, 143	1.8	1
63	Cholesterol added prior to vitrification on the cryotolerance of immature and in vitro matured bovine oocytes. <i>PLoS ONE</i> , 2017 , 12, e0184714	3.6	12
62	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	2.7	32
61	Effects of short-term exposure of mature oocytes to sodium nitroprusside on in vitro embryo production and gene expression in bovine. <i>Theriogenology</i> , 2015 , 84, 1431-7	2.7	4
60	Supplementation of IVF medium with melatonin: effect on sperm functionality and in vitro produced bovine embryos. <i>Andrologia</i> , 2015 , 47, 604-15	2.3	17
59	Spindle configuration and developmental competence of in vitro-matured bovine oocytes exposed to NaCl or sucrose prior to Cryotop vitrification. <i>Reproduction, Fertility and Development</i> , 2015 ,	0.8	6

58	45 SPINDLE CONFIGURATION AND DNA FRAGMENTATION OF VITRIFIED BOVINE OOCYTES AFTER IN VITRO MATURATION WITH L-CARNITINE AND/OR RESVERATROL. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 115	0.8	2
57	46 SPINDLE CONFIGURATION OF IN VITRO-MATURED BOVINE OOCYTES EXPOSED TO SODIUM CHLORIDE OR SUCROSE PRIOR TO CRYOTOP VITRIFICATION. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 116	0.8	2
56	229 SHORT-TERM EXPOSURE OF MATURE OOCYTES TO A NITRIC OXIDE DONOR FOR INDUCING OXIDATIVE STRESS RESISTANCE ON IN VITRO-PRODUCED BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 204	0.8	
55	Identification of bovine embryos cultured in groups by attachment of barcodes to the zona pellucida. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 645-52	0.8	2
54	New device for the vitrification and in-straw warming of in vitro produced bovine embryos. <i>Cryobiology</i> , 2014 , 68, 288-93	1.8	16
53	Evaluation of sperm subpopulation structure in relation to in vitro sperm-oocyte interaction of frozen-thawed semen from Holstein bulls. <i>Theriogenology</i> , 2014 , 81, 1067-72	2.7	27
52	Assessment of meiotic spindle configuration and post-warming bovine oocyte viability using polarized light microscopy. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 470-6	1.5	5
51	Pre-selection by double layer density gradient centrifugation improves the fertilising capacity of frozen-thawed, capacitated stallion sperm. <i>Animal Reproduction Science</i> , 2013 , 139, 62-8	2	11
50	Developmental competence and embryo quality of small oocytes from pre-pubertal goats cultured in IVM medium supplemented with low level of hormones, insulin-transferrin-selenium and ascorbic acid. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 339-44	1.5	15
49	Cryotolerance of in vitro-produced porcine blastocysts is improved when using glucose instead of pyruvate and lactate during the first 2 days of embryo culture. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 737-45	0.8	11
48	Vitrification of in vitro produced goat blastocysts: effects of oocyte donor age and development stage. <i>Cryobiology</i> , 2011 , 63, 240-4	1.8	20
47	Prepubertal goat oocytes from large follicles result in similar blastocyst production and embryo ploidy than those from adult goats. <i>Theriogenology</i> , 2011 , 76, 1-11	2.7	28
46	Effect of leptin during in vitro maturation of prepubertal calf oocytes: embryonic development and relative mRNA abundances of genes involved in apoptosis and oocyte competence. <i>Theriogenology</i> , 2011 , 76, 1706-15	2.7	13
45	Survival and apoptosis rates after vitrification in cryotop devices of in vitro-produced calf and cow blastocysts at different developmental stages. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 1141-7	0.8	38
44	The influence of sperm concentration, length of the gamete co-culture and the evolution of different sperm parameters on the in vitro fertilization of prepubertal goat oocytes. <i>Zygote</i> , 2010 , 18, 345-55	1.5	4
43	Effect of follicle diameter on oocyte apoptosis, embryo development and chromosomal ploidy in prepubertal goats. <i>Theriogenology</i> , 2010 , 74, 364-73	2.7	25
42	Effect of the addition of insulin-transferrin-selenium and/or L-ascorbic acid to the in vitro maturation of prepubertal bovine oocytes on cytoplasmic maturation and embryo development. <i>Theriogenology</i> , 2010 , 74, 1341-8	2.7	32
41	Ability of Catalanian donkey sperm to penetrate zona pellucida-free bovine oocytes matured in vitro. <i>Animal Reproduction Science</i> , 2010 , 118, 354-61	2	15

40	Oocyte secreted factors improve embryo developmental competence of COCs from small follicles in prepubertal goats. <i>Theriogenology</i> , 2010 , 74, 1050-9	2.7	30
39	A transcriptional signature associated with the onset of benign prostate hyperplasia in a canine model. <i>Prostate</i> , 2010 , 70, 1402-12	4	6
38	Effect of the apoptosis rate observed in oocytes and cumulus cells on embryo development in prepubertal goats. <i>Animal Reproduction Science</i> , 2009 , 116, 95-106	2	19
37	Immunolocalization of androgen receptors, estrogen alpha receptors, and estrogen beta receptors in experimentally induced canine prostatic hyperplasia. <i>Journal of Andrology</i> , 2009 , 30, 240-7		10
36	242 DETECTION OF MICROTUBULES BY POLARIZED LIGHT MICROSCOPY IN BOVINE OOCYTES. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 219	0.8	1
35	Effects of pre-treating in vitro-matured bovine oocytes with the cytoskeleton stabilizing agent taxol prior to vitrification. <i>Molecular Reproduction and Development</i> , 2008 , 75, 191-201	2.5	51
34	Ultrastructure of bovine oocytes exposed to Taxol prior to OPS vitrification. <i>Molecular Reproduction and Development</i> , 2008 , 75, 1318-26	2.5	32
33	Total RNA and protein content, Cyclin B1 expression and developmental competence of prepubertal goat oocytes. <i>Animal Reproduction Science</i> , 2008 , 103, 290-303	2	15
32	Embryo development and structural analysis of in vitro matured bovine oocytes vitrified in flexipet denuding pipettes. <i>Theriogenology</i> , 2008 , 70, 1536-43	2.7	19
31	Cryotops versus open-pulled straws (OPS) as carriers for the cryopreservation of bovine oocytes: effects on spindle and chromosome configuration and embryo development. <i>Cryobiology</i> , 2008 , 57, 137-41	1.8	84
30	Effect of oocyte diameter on meiotic competence, embryo development, p34 (cdc2) expression and MPF activity in prepubertal goat oocytes. <i>Theriogenology</i> , 2007 , 67, 526-36	2.7	39
29	Effect of ICSI and embryo biopsy on embryo development and apoptosis according to oocyte diameter in prepubertal goats. <i>Theriogenology</i> , 2007 , 67, 1399-408	2.7	15
28	Expression of androgen, oestrogen alpha and beta, and progesterone receptors in the canine prostate: differences between normal, inflamed, hyperplastic and neoplastic glands. <i>Journal of Comparative Pathology</i> , 2007 , 136, 1-8	0.7	24
27	124 TAXOL COULD PROMOTE EMBRYO DEVELOPMENT OF BOVINE OOCYTES VITRIFIED BY OPS. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 179	0.8	
26	200 EFFECT OF OOCYTE SIZE AND MICROMANIPULATION TECHNIQUES (ICSI AND EMBRYO BIOPSY) ON GOAT EMBRYO QUALITY. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 217	0.8	
25	338 INFLUENCE OF OOCYTE DIAMETER AND MORPHOLOGY ON APOPTOSIS AND BLASTOCYST DEVELOPMENT IN PREPUBERTAL GOAT. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 284	0.8	
24	Ultrastructural changes in prostate cells during hormone-induced canine prostatic hyperplasia. <i>Ultrastructural Pathology</i> , 2006 , 30, 435-42	1.2	5
23	Embryo development of prepubertal goat oocytes fertilised by intracytoplasmic sperm injection (ICSI) according to oocyte diameter. <i>Theriogenology</i> , 2006 , 66, 1065-72	2.7	24

22	Effects of vitrification in open pulled straws on the cytology of in vitro matured prepubertal and adult bovine oocytes. <i>Theriogenology</i> , 2005 , 63, 890-901	2.7	40
21	Effects of roscovitine on the nuclear and cytoskeletal components of calf oocytes and their subsequent development. <i>Theriogenology</i> , 2005 , 64, 1740-55	2.7	20
20	Vitrification of calf oocytes: effects of maturation stage and prematuration treatment on the nuclear and cytoskeletal components of oocytes and their subsequent development. <i>Molecular Reproduction and Development</i> , 2005 , 72, 239-49	2.5	39
19	Gluconeogenesis-linked glycogen metabolism is important in the achievement of in vitro capacitation of dog spermatozoa in a medium without glucose. <i>Biology of Reproduction</i> , 2004 , 71, 1437-45	2.7	36
18	In vitro capacitation and acrosome reaction of dog spermatozoa can be feasibly attained in a defined medium without glucose. <i>Reproduction in Domestic Animals</i> , 2004 , 39, 129-35	1.5	14
17	Vitrification of immature and in vitro matured pig oocytes: study of distribution of chromosomes, microtubules, and actin microfilaments. <i>Cryobiology</i> , 2004 , 49, 211-20	1.8	120
16	Expression of a green fluorescence protein-carrier protein into mouse spermatozoa. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 841-6	3.3	1
15	Differential effects of glucose and fructose on hexose metabolism in dog spermatozoa. <i>Reproduction</i> , 2002 , 123, 579-591	3.6	46
14	Effects of glucose and fructose on motility patterns of dog spermatozoa from fresh ejaculates. <i>Theriogenology</i> , 2001 , 56, 801-15	2.7	85
13	Evidence for a functional glycogen metabolism in mature mammalian spermatozoa. <i>Molecular Reproduction and Development</i> , 2000 , 56, 207-19	2.5	45
12	Adenovirus-mediated introduction of DNA into pig sperm and offspring. <i>Molecular Reproduction and Development</i> , 1999 , 53, 149-58	2.5	16
11	Effect of semen preparation on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1999 , 51, 927-40	2.7	30
10	Effect of column filtration upon the quality parameters of fresh dog semen. <i>Theriogenology</i> , 1998 , 50, 1171-89	2.7	14
9	Effect of sperm capacitation and fertilization media on IVF and early embryo development of prepubertal goat oocytes. <i>Theriogenology</i> , 1998 , 49, 1501-13	2.7	10
8	Developmental capacity of in vitro matured and fertilized oocytes from prepubertal and adult goats. <i>Theriogenology</i> , 1997 , 47, 1189-203	2.7	36
7	Morphological events during in vitro fertilization of prepubertal goat oocytes matured in vitro. <i>Theriogenology</i> , 1997 , 48, 815-29	2.7	20
6	In vitro maturation and fertilization of prepubertal goat oocytes. <i>Theriogenology</i> , 1995 , 43, 473-85	2.7	39
5	Effect of hormones, serum source and culture system on the IVM and IVF of prepubertal goat oocytes and subsequent embryo development. <i>Theriogenology</i> , 1995 , 43, 284	2.7	9

4	Effect of heparin and sperm concentration on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1995 , 43, 292	2.7	4
3	Influence of the collection technique of prepubertal goat oocytes on in vitro maturation and fertilization. <i>Theriogenology</i> , 1994 , 42, 859-73	2.7	19
2	Meiotic competence of prepubertal goat oocytes. <i>Theriogenology</i> , 1994 , 41, 969-80	2.7	38
1	Effect of oocyte and granulosa cell source used during in vitro maturation on in vitro fertilization of goat oocytes. <i>Theriogenology</i> , 1993 , 39, 265	2.7	4