

Teresa Mogas

List of Publications by Year in descending order

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78
papers

1,810
citations

236612

25
h-index

301761

39
g-index

79
all docs

79
docs citations

79
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitrification of immature and in vitro matured pig oocytes: study of distribution of chromosomes, microtubules, and actin microfilaments. <i>Cryobiology</i> , 2004, 49, 211-220.	0.3	128
2	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, 137-141.	0.3	101
3	Effects of glucose and fructose on motility patterns of dog spermatozoa from fresh ejaculates. <i>Theriogenology</i> , 2001, 56, 801-815.	0.9	98
4	Differential effects of glucose and fructose on hexose metabolism in dog spermatozoa. <i>Reproduction</i> , 2002, 123, 579-591.	1.1	65
5	Evidence for a functional glycogen metabolism in mature mammalian spermatozoa. , 2000, 56, 207-219.		60
6	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.	1.0	56
7	In vitro maturation and fertilization of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 473-485.	0.9	46
8	Gluconeogenesis-Linked Glycogen Metabolism Is Important in the Achievement of In Vitro Capacitation of Dog Spermatozoa in a Medium Without Glucose ¹ . <i>Biology of Reproduction</i> , 2004, 71, 1437-1445.	1.2	46
9	Effect of oocyte diameter on meiotic competence, embryo development, p34 (cdc2) expression and MPF activity in prepubertal goat oocytes. <i>Theriogenology</i> , 2007, 67, 526-536.	0.9	45
10	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.	0.1	45
11	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.	0.9	43
12	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, 239-249.	1.0	42
13	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.	0.9	42
14	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, 1341-1348.	0.9	42
15	Meiotic competence of prepubertal goat oocytes. <i>Theriogenology</i> , 1994, 41, 969-980.	0.9	41
16	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, 1067-1072.	0.9	40
17	Developmental capacity of in vitro matured and fertilized oocytes from prepubertal and adult goats. <i>Theriogenology</i> , 1997, 47, 1189-1203.	0.9	39
18	Effect of semen preparation on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1999, 51, 927-940.	0.9	37

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19	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.	0.9	37
20	Ultrastructure of bovine oocytes exposed to Taxol prior to OPS vitrification. <i>Molecular Reproduction and Development</i> , 2008, 75, 1318-1326.	1.0	35
21	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, 7547.	1.8	34
22	Oocyte secreted factors improve embryo developmental competence of COCs from small follicles in prepubertal goats. <i>Theriogenology</i> , 2010, 74, 1050-1059.	0.9	33
23	Update on the vitrification of bovine oocytes and invitro-produced embryos. <i>Reproduction, Fertility and Development</i> , 2019, 31, 105.	0.1	33
24	Embryo development of prepubertal goat oocytes fertilised by intracytoplasmic sperm injection (ICSI) according to oocyte diameter. <i>Theriogenology</i> , 2006, 66, 1065-1072.	0.9	27
25	Effect of follicle diameter on oocyte apoptosis, embryo development and chromosomal ploidy in prepubertal goats. <i>Theriogenology</i> , 2010, 74, 364-373.	0.9	27
26	Expression of Androgen, Oestrogen $\hat{1}\pm$ and $\hat{1}^2$, 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.	0.1	26
27	Embryo development and structural analysis of in vitro matured bovine oocytes vitrified in flexipet denuding pipettes. <i>Theriogenology</i> , 2008, 70, 1536-1543.	0.9	26
28	Influence of the collection technique of prepubertal goat oocytes on in vitro maturation and fertilization. <i>Theriogenology</i> , 1994, 42, 859-873.	0.9	24
29	Effects of roscovitine on the nuclear and cytoskeletal components of calf oocytes and their subsequent development. <i>Theriogenology</i> , 2005, 64, 1740-1755.	0.9	24
30	New device for the vitrification and in-straw warming of in vitro produced bovine embryos. <i>Cryobiology</i> , 2014, 68, 288-293.	0.3	24
31	Supplementation of IVF medium with melatonin: effect on sperm functionality and <i>in vitro</i> produced bovine embryos. <i>Andrologia</i> , 2015, 47, 604-615.	1.0	24
32	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.	0.5	24
33	Vitrification of in vitro produced goat blastocysts: Effects of oocyte donor age and development stage. <i>Cryobiology</i> , 2011, 63, 240-244.	0.3	23
34	Morphological events during in vitro fertilization of prepubertal goat oocytes matured in vitro. <i>Theriogenology</i> , 1997, 48, 815-829.	0.9	21
35	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.	0.5	21
36	Adenovirus-mediated introduction of DNA into pig sperm and offspring. <i>Molecular Reproduction and Development</i> , 1999, 53, 149-158.	1.0	20

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37	Effect of ICSI and embryo biopsy on embryo development and apoptosis according to oocyte diameter in prepubertal goats. <i>Theriogenology</i> , 2007, 67, 1399-1408.	0.9	19
38	Developmental Competence and Embryo Quality of Small Oocytes from Prepubertal 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, 339-344.	0.6	19
39	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, 129-135.	0.6	18
40	Effect of column filtration upon the quality parameters of fresh dog semen. <i>Theriogenology</i> , 1998, 50, 1171-1189.	0.9	17
41	Total RNA and protein content, Cyclin B1 expression and developmental competence of prepubertal goat oocytes. <i>Animal Reproduction Science</i> , 2008, 103, 290-303.	0.5	17
42	Ability of Catalanian donkey sperm to penetrate zona pellucida-free bovine oocytes matured in vitro. <i>Animal Reproduction Science</i> , 2010, 118, 354-361.	0.5	17
43	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, 1706-1715.	0.9	16
44	Cholesterol added prior to vitrification on the cryotolerance of immature and in vitro matured bovine oocytes. <i>PLoS ONE</i> , 2017, 12, e0184714.	1.1	16
45	Effect of sperm capacitation and fertilization media on IVF and early embryo development of prepubertal goat oocytes. <i>Theriogenology</i> , 1998, 49, 1501-1513.	0.9	14
46	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.	0.1	13
47	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, 142.	1.3	12
48	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.	0.9	11
49	Immunolocalization of Androgen Receptors, Estrogen Receptors, and Estrogen Receptors in Experimentally Induced Canine Prostatic Hyperplasia. <i>Journal of Andrology</i> , 2009, 30, 240-247.	2.0	11
50	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, 62-68.	0.5	11
51	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.	0.1	11
52	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> , 2016, 28, 1560.	0.1	8
53	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.	1.6	8
54	A transcriptional signature associated with the onset of benign prostate hyperplasia in a canine model. <i>Prostate</i> , 2010, 70, 1402-1412.	1.2	7

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55	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, 1431-1437.	0.9	6
56	Effect of heparin and sperm concentration on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 292.	0.9	5
57	Ultrastructural Changes in Prostate Cells During Hormone-induced Canine Prostatic Hyperplasia. <i>Ultrastructural Pathology</i> , 2006, 30, 435-442.	0.4	5
58	Assessment of Meiotic Spindle Configuration and Post-Warming Bovine Oocyte Viability Using Polarized Light Microscopy. <i>Reproduction in Domestic Animals</i> , 2013, 48, 470-476.	0.6	5
59	Induction of CIRBP expression by cold shock on bovine cumulus-oocyte complexes. <i>Reproduction in Domestic Animals</i> , 2019, 54, 82-85.	0.6	5
60	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, 7067.	1.8	5
61	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.	0.9	4
62	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, 345-355.	0.5	4
63	Identification of bovine embryos cultured in groups by attachment of barcodes to the zona pellucida. <i>Reproduction, Fertility and Development</i> , 2014, 26, 645.	0.1	4
64	Effect of cryoprotectant concentration on bovine oocyte permeability and comparison of two membrane permeability modelling approaches. <i>Scientific Reports</i> , 2021, 11, 15387.	1.6	4
65	Exopolysaccharide ID1 Improves Post-Warming Outcomes after Vitrification of In Vitro-Produced Bovine Embryos. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7069.	1.8	4
66	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.	0.1	3
67	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.	0.1	3
68	Exposure to hyperosmotic solutions modifies expression of AQP3 and AQP7 on bovine oocytes. <i>Cryobiology</i> , 2018, 85, 143.	0.3	2
69	Cryoprotectant role of exopolysaccharide ID1 in the vitrification/in straw warming of in vitro-produced bovine embryos. <i>Reproduction in Domestic Animals</i> , 2022, 57, 53-57.	0.6	2
70	Expression of a green fluorescence protein-carrier protein into mouse spermatozoa. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 841-846.	1.0	1
71	242 DETECTION OF MICROTUBULES BY POLARIZED LIGHT MICROSCOPY IN BOVINE OOCYTES. <i>Reproduction, Fertility and Development</i> , 2009, 21, 219.	0.1	1
72	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.	0.1	1

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73	The Role of Aquaporin 7 in the Movement of Water and Cryoprotectants in Bovine In Vitro Matured Oocytes. <i>Animals</i> , 2022, 12, 530.	1.0	1
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.	0.9	1
75	124 TAXOLÂ,,ç COULD PROMOTE EMBRYO DEVELOPMENT OF BOVINE OOCYTES VITRIFIED BY OPS. <i>Reproduction, Fertility and Development</i> , 2007, 19, 179.	0.1	0
76	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.	0.1	0
77	338 INFLUENCE OF OOCYTE DIAMETER AND MORPHOLOGY ON APOPTOSIS AND BLASTOCYST DEVELOPMENT IN PREPUBERTAL GOAT. <i>Reproduction, Fertility and Development</i> , 2007, 19, 284.	0.1	0
78	Impact of equilibration duration combined with temperature on the outcome of bovine oocyte vitrification. <i>Theriogenology</i> , 2022, 184, 110-123.	0.9	0