

# Maria Jesus Palomo

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

825  
citations

516710

16  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

686  
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.	0.7	128
2	Differential effects of glucose and fructose on hexose metabolism in dog spermatozoa. <i>Reproduction</i> , 2002, 123, 579-591.	2.6	65
3	Evidence for a functional glycogen metabolism in mature mammalian spermatozoa. , 2000, 56, 207-219.		60
4	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.	2.0	56
5	In vitro maturation and fertilization of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 473-485.	2.1	46
6	Meiotic competence of prepubertal goat oocytes. <i>Theriogenology</i> , 1994, 41, 969-980.	2.1	41
7	Developmental capacity of in vitro matured and fertilized oocytes from prepubertal and adult goats. <i>Theriogenology</i> , 1997, 47, 1189-1203.	2.1	39
8	Effect of semen preparation on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1999, 51, 927-940.	2.1	37
9	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.	2.1	37
10	Tungstate administration improves the sexual and reproductive function in female rats with streptozotocin-induced diabetes. <i>Human Reproduction</i> , 2007, 22, 2128-2135.	0.9	36
11	Oocyte secreted factors improve embryo developmental competence of COCs from small follicles in prepubertal goats. <i>Theriogenology</i> , 2010, 74, 1050-1059.	2.1	33
12	Optimization of a continuous real-time computerized semen analysis system for ram sperm motility assessment, and evaluation of four methods of semen preparation. <i>Reproduction, Fertility and Development</i> , 1996, 8, 219.	0.4	31
13	Natural Mediterranean photoperiod does not affect the main parameters of boar-semen quality analysis. <i>Theriogenology</i> , 2005, 64, 934-946.	2.1	26
14	Influence of the collection technique of prepubertal goat oocytes on in vitro maturation and fertilization. <i>Theriogenology</i> , 1994, 42, 859-873.	2.1	24
15	Glucose- and fructose-induced dog-sperm glycogen synthesis shows specific changes in the location of the sperm glycogen deposition. <i>Molecular Reproduction and Development</i> , 2003, 64, 349-359.	2.0	22
16	Morphological events during in vitro fertilization of prepubertal goat oocytes matured in vitro. <i>Theriogenology</i> , 1997, 48, 815-829.	2.1	21
17	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.	1.4	18
18	Effects of exposing boars to different artificial light regimens on semen plasma markers and "in vivo" fertilizing capacity. <i>Theriogenology</i> , 2006, 65, 317-331.	2.1	15

#	ARTICLE	IF	CITATIONS
19	Expression of the GM-CSF receptor in ovine spermatozoa: GM-CSF effect on sperm viability and motility of sperm subpopulations after the freezing-thawing process. <i>Theriogenology</i> , 2007, 67, 1359-1370.	2.1	15
20	Effect of the type of egg yolk, removal of seminal plasma and donor age on buck sperm cryopreservation. <i>Small Ruminant Research</i> , 2017, 149, 91-98.	1.2	15
21	Effect of sperm capacitation and fertilization media on IVF and early embryo development of prepubertal goat oocytes. <i>Theriogenology</i> , 1998, 49, 1501-1513.	2.1	14
22	Effect of the type of egg yolk, removal of seminal plasma and donor age on ram sperm cryopreservation. <i>Animal Reproduction</i> , 2017, 14, 1124-1132.	1.0	12
23	Effect of seminal plasma and butylated hydroxytoluene (BHT) concentration on ram sperm freezability. <i>Small Ruminant Research</i> , 2017, 153, 66-70.	1.2	9
24	Effect of heparin and sperm concentration on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 292.	2.1	5
25	Effect of oocyte-sperm co-incubation on acrosome reaction in the goat. <i>Theriogenology</i> , 1996, 46, 321-330.	2.1	5
26	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.	1.1	4
27	Effect of semen washing on thawed ram spermatozoa subjected to a four hour post-thawing thermal evaluation test. <i>Small Ruminant Research</i> , 2017, 155, 81-86.	1.2	4
28	Variability in <i>in vitro</i> fertilization outcomes of prepubertal goat oocytes explained by basic semen analyses. <i>Zygote</i> , 2016, 24, 831-838.	1.1	3
29	Soy lecithin as a potential alternative to powdered egg yolk for buck sperm cryopreservation does not protect them from mitochondrial damage. <i>Animal Reproduction Science</i> , 2020, 217, 106473.	1.5	2
30	Expression of a green fluorescence protein-carrier protein into mouse spermatozoa. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 841-846.	2.1	1
31	The Re-Addition of Seminal Plasma after Thawing Does Not Improve Buck Sperm Quality Parameters. <i>Animals</i> , 2021, 11, 3452.	2.3	1