

# 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  | The Re-Addition of Seminal Plasma after Thawing Does Not Improve Buck Sperm Quality Parameters. <i>Animals</i> , 2021, 11, 3452.   | 2.3 | 1         |
| 2  | 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         |
| 3  | 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        |
| 4  | 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         |
| 5  | 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         |
| 6  | 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        |
| 7  | 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         |
| 8  | 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        |
| 9  | The influence of sperm concentration, length of the gamete co-culture and the evolution of different sperm parameters on the <i>in vitro</i> fertilization of prepubertal goat oocytes. <i>Zygote</i> , 2010, 18, 345-355. | 1.1 | 4         |
| 10 | 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        |
| 11 | Effects of pre-treating <i>in vitro</i> -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        |
| 12 | 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        |
| 13 | 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        |
| 14 | Effects of exposing boars to different artificial light regimens on semen plasma markers and <i>in vivo</i> fertilizing capacity. <i>Theriogenology</i> , 2006, 65, 317-331.   | 2.1 | 15        |
| 15 | Natural Mediterranean photoperiod does not affect the main parameters of boar-semen quality analysis. <i>Theriogenology</i> , 2005, 64, 934-946.   | 2.1 | 26        |
| 16 | <i>In vitro</i> 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        |
| 17 | Vitrification of immature and <i>in vitro</i> matured pig oocytes: study of distribution of chromosomes, microtubules, and actin microfilaments. <i>Cryobiology</i> , 2004, 49, 211-220.                                   | 0.7 | 128       |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | Differential effects of glucose and fructose on hexose metabolism in dog spermatozoa. <i>Reproduction</i> , 2002, 123, 579-591.  | 2.6 | 65        |
| 20 | 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         |
| 21 | Evidence for a functional glycogen metabolism in mature mammalian spermatozoa. , 2000, 56, 207-219.  |     | 60        |
| 22 | Effect of semen preparation on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1999, 51, 927-940.   | 2.1 | 37        |
| 23 | 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        |
| 24 | Developmental capacity of in vitro matured and fertilized oocytes from prepubertal and adult goats. <i>Theriogenology</i> , 1997, 47, 1189-1203.   | 2.1 | 39        |
| 25 | Morphological events during in vitro fertilization of prepubertal goat oocytes matured in vitro. <i>Theriogenology</i> , 1997, 48, 815-829.  | 2.1 | 21        |
| 26 | Effect of oocyte-sperm co-incubation on acrosome reaction in the goat. <i>Theriogenology</i> , 1996, 46, 321-330.  | 2.1 | 5         |
| 27 | 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        |
| 28 | In vitro maturation and fertilization of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 473-485.  | 2.1 | 46        |
| 29 | Effect of heparin and sperm concentration on IVF of prepubertal goat oocytes. <i>Theriogenology</i> , 1995, 43, 292.   | 2.1 | 5         |
| 30 | 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        |
| 31 | Meiotic competence of prepubertal goat oocytes. <i>Theriogenology</i> , 1994, 41, 969-980.   | 2.1 | 41        |