

# Maria-Jesus SÃ¡nchez Calabuig

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

677  
citations

516710  
16  
h-index

642732  
23  
g-index

48  
all docs

48  
docs citations

48  
times ranked

890  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A high glucose concentration during early stages of in vitro equine embryo development alters expression of genes involved in glucose metabolism. <i>Equine Veterinary Journal</i> , 2021, 53, 787-795.                                | 1.7 | 4         |
| 2  | Immunolocalization and effect of low concentrations of Insulin like growth factor-1 (IGF-1) in the canine ovary. <i>Veterinary Medicine and Science</i> , 2021, 7, 46-56.  | 1.6 | 4         |
| 3  | Postnatal Catch-Up Growth Programs Telomere Dynamics and Glucose Intolerance in Low Birth Weight Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3657.  | 4.1 | 6         |
| 4  | Sperm Metabolomics through Nuclear Magnetic Resonance Spectroscopy. <i>Animals</i> , 2021, 11, 1669.   | 2.3 | 8         |
| 5  | Protein Identification of Spermatozoa and Seminal Plasma in Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673961.  | 3.7 | 4         |
| 6  | A drastic shift in the energetic landscape of toothed whale sperm cells. <i>Current Biology</i> , 2021, 31, 3648-3655.e9.  | 3.9 | 8         |
| 7  | The Proteome of Equine Oviductal Fluid Varies Before and After Ovulation: A Comparative Study. <i>Frontiers in Veterinary Science</i> , 2021, 8, 694247.   | 2.2 | 4         |
| 8  | Cryopreservation of dog epididymal spermatozoa by conventional freezing or ultra-rapid freezing with nonpermeable cryoprotectant. <i>Cryobiology</i> , 2021, 103, 15-21.   | 0.7 | 5         |
| 9  | Vitrification of Iberian wolf ( <i>Canis lupus signatus</i> ) sperm: A possible alternative to conventional cryopreservation. <i>Animal Reproduction Science</i> , 2021, 235, 106887.  | 1.5 | 3         |
| 10 | Stage-specific metabolomic changes in equine oviductal fluid: New insights into the equine fertilization environment. <i>Theriogenology</i> , 2020, 143, 35-43.  | 2.1 | 17        |
| 11 | Effect of temperature and cell concentration on dolphin ( <i>Tursiops truncatus</i> ) spermatozoa quality evaluated at different days of refrigeration. <i>Animal Reproduction Science</i> , 2020, 212, 106248.                        | 1.5 | 5         |
| 12 | Fertilizing capacity of vitrified stallion sperm assessed utilizing heterologous IVF after different semen warming procedures. <i>Animal Reproduction Science</i> , 2020, 223, 106627.   | 1.5 | 4         |
| 13 | DNA methylation changes during preimplantation development reveal inter-species differences and reprogramming events at imprinted genes. <i>Clinical Epigenetics</i> , 2020, 12, 64.   | 4.1 | 46        |
| 14 | Oxygen tension during in vitro oocyte maturation and fertilization affects embryo quality in sheep and deer. <i>Animal Reproduction Science</i> , 2020, 213, 106279.   | 1.5 | 15        |
| 15 | Cryopreservation effects on canine sperm morphometric variables and ultrastructure: Comparison between vitrification and conventional freezing. <i>Cryobiology</i> , 2020, 95, 164-170.  | 0.7 | 19        |
| 16 | Study of the Metabolomics of Equine Preovulatory Follicular Fluid: A Way to Improve Current In Vitro Maturation Media. <i>Animals</i> , 2020, 10, 883.   | 2.3 | 9         |
| 17 | UNILATERAL SINGLE VAGINAL ECTOPIC URETER WITH IPSILATERAL HYPOPLASTIC AND DEGENERATED KIDNEY ASSOCIATED WITH INFERTILITY IN IBERIAN IBEX ( <i>CAPRA PYRENAICA</i> ) DOES. <i>Journal of Zoo and Wildlife Medicine</i> , 2020, 51, 196. | 0.6 | 0         |
| 18 | Ascorbic acid- $\alpha$ -cyclodextrin complex alters the expression of genes associated with lipid metabolism in bovine in vitro produced embryos. <i>Reproduction in Domestic Animals</i> , 2019, 54, 55-62.                          | 1.4 | 7         |

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|----|--|-----|-----------|
| 19 | Influence of sperm filtration and the addition of glycerol to UHT skimmed milk- and TEST-based extenders on the quality and fertilizing capacity of chilled ram sperm. <i>Theriogenology</i> , 2019, 133, 29-37.                 | 2.1 | 12        |
| 20 | Gene expression and metabolic response of bovine oviduct epithelial cells to the early embryo. <i>Reproduction</i> , 2019, 158, 85-94.   | 2.6 | 19        |
| 21 | 137 Assessment of fertilizing ability of Merino ram semen cold stored up to 48h by heterologous IVF of bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2019, 31, 194.   | 0.4 | 3         |
| 22 | Resveratrol- $\alpha$ -cyclodextrin complex affects the expression of genes associated with lipid metabolism in bovine in vitro produced embryos. <i>Reproduction in Domestic Animals</i> , 2018, 53, 850-858.                   | 1.4 | 18        |
| 23 | Sperm selection by thermotaxis improves ICSI outcome in mice. <i>Scientific Reports</i> , 2018, 8, 2902.   | 3.3 | 57        |
| 24 | Effects of the HDAC inhibitor scriptaid on the in vitro development of bovine embryos and on imprinting gene expression levels. <i>Theriogenology</i> , 2018, 110, 79-85.  | 2.1 | 4         |
| 25 | Fertilizing capacity of vitrified epididymal sperm from Iberian ibex ( <i>Capra pyrenaica</i> ). <i>Theriogenology</i> , 2018, 108, 314-320.   | 2.1 | 17        |
| 26 | In vitro cultured bovine endometrial cells recognize embryonic sex. <i>Theriogenology</i> , 2018, 108, 176-184.  | 2.1 | 16        |
| 27 | Vitrification of dog spermatozoa: Effects of two cryoprotectants (sucrose or trehalose) and two warming procedures. <i>Cryobiology</i> , 2018, 80, 126-129.  | 0.7 | 26        |
| 28 | Expanded equine cumulus-oocyte complexes exhibit higher meiotic competence and lower glucose consumption than compact cumulus-oocyte complexes. <i>Reproduction, Fertility and Development</i> , 2018, 30, 297.                  | 0.4 | 14        |
| 29 | Bovine oviductal and uterine fluid support in vitro embryo development. <i>Reproduction, Fertility and Development</i> , 2018, 30, 935.  | 0.4 | 31        |
| 30 | Bovine embryo-oviduct interaction in vitro reveals an early cross talk mediated by BMP signaling. <i>Reproduction</i> , 2017, 153, 631-643.  | 2.6 | 29        |
| 31 | Embryo culture in presence of oviductal fluid induces DNA methylation changes in bovine blastocysts. <i>Reproduction</i> , 2017, 154, 1-12.  | 2.6 | 28        |
| 32 | Hepatoma-derived growth factor: Protein quantification in uterine fluid, gene expression in endometrial-cell culture and effects on in vitro embryo development, pregnancy and birth. <i>Theriogenology</i> , 2017, 96, 118-125. | 2.1 | 16        |
| 33 | Expression and localization of ARTEMIS in the bovine uterus and embryos. <i>Theriogenology</i> , 2017, 90, 153-162.  | 2.1 | 8         |
| 34 | Bottlenose Dolphin ( <i>Tursiops truncatus</i> ) Spermatozoa: Collection, Cryopreservation, and Heterologous In Vitro Fertilization. <i>Journal of Visualized Experiments</i> , 2017, , .  | 0.3 | 5         |
| 35 | The Consequences of Maternal-Embryonic Cross Talk During the Periconception Period on Subsequent Embryonic Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1014, 69-86.                                | 1.6 | 17        |
| 36 | Cryopreservation of canine sperm using egg yolk and soy bean based extenders. <i>Reproductive Biology</i> , 2017, 17, 233-238.   | 1.9 | 10        |

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|----|--|-----|-----------|
| 37 | Effect of urokinase type plasminogen activator on in vitro bovine oocyte maturation. <i>Reproduction</i> , 2017, 154, 331-340.   | 2.6 | 6         |
| 38 | 80 EFFECT OF BOVINE OVIDUCTAL FLUID ON DNA METHYLATION OF BOVINE BLASTOCYSTS PRODUCED IN VITRO. <i>Reproduction, Fertility and Development</i> , 2017, 29, 147.  | 0.4 | 0         |
| 39 | Cryopreservation of captive roe deer ( <i>Capreolus capreolus</i> ) semen. <i>Theriogenology</i> , 2016, 86, 695-703.  | 2.1 | 8         |
| 40 | Oviductal response to gametes and early embryos in mammals. <i>Reproduction</i> , 2016, 152, R127-R141.  | 2.6 | 55        |
| 41 | Exocannabinoids effect on in vitro bovine oocyte maturation via activation of AKT and ERK1/2. <i>Reproduction</i> , 2016, 152, 603-612.  | 2.6 | 18        |
| 42 | Bilateral Ovary Stenosis in a 78, XX SRY-Negative Beagle Dog. <i>Journal of the American Animal Hospital Association</i> , 2015, 51, 267-271.  | 1.1 | 8         |
| 43 | Effect of Cryopreservation on the Sperm DNA Fragmentation Dynamics of the Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Reproduction in Domestic Animals</i> , 2015, 50, 227-235.                       | 1.4 | 9         |
| 44 | Heterologous murine and bovine IVF using bottlenose dolphin ( <i>Tursiops truncatus</i> ) spermatozoa. <i>Theriogenology</i> , 2015, 84, 983-994.  | 2.1 | 9         |
| 45 | Potential Health Risks Associated to ICSI: Insights from Animal Models and Strategies for a Safe Procedure. <i>Frontiers in Public Health</i> , 2014, 2, 241.  | 2.7 | 20        |
| 46 | Validation of a Field Based Chromatin Dispersion Assay to Assess Sperm DNA Fragmentation in the Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Reproduction in Domestic Animals</i> , 2014, 49, 761-768. | 1.4 | 9         |
| 47 | Sperm cryopreservation in wild animals. <i>European Journal of Wildlife Research</i> , 2014, 60, 851-864.  | 1.4 | 37        |