

Maria-Jesus SÃ¡nchez Calabuig

List of Publications by Year in descending order

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47
papers

677
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516215

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times ranked

890
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#	ARTICLE	IF	CITATIONS
1	Sperm selection by thermotaxis improves ICSI outcome in mice. <i>Scientific Reports</i> , 2018, 8, 2902.	1.6	57
2	Oviductal response to gametes and early embryos in mammals. <i>Reproduction</i> , 2016, 152, R127-R141.	1.1	55
3	DNA methylation changes during preimplantation development reveal inter-species differences and reprogramming events at imprinted genes. <i>Clinical Epigenetics</i> , 2020, 12, 64.	1.8	46
4	Sperm cryopreservation in wild animals. <i>European Journal of Wildlife Research</i> , 2014, 60, 851-864.	0.7	37
5	Bovine oviductal and uterine fluid support in vitro embryo development. <i>Reproduction, Fertility and Development</i> , 2018, 30, 935.	0.1	31
6	Bovine embryo-oviduct interaction in vitro reveals an early cross talk mediated by BMP signaling. <i>Reproduction</i> , 2017, 153, 631-643.	1.1	29
7	Embryo culture in presence of oviductal fluid induces DNA methylation changes in bovine blastocysts. <i>Reproduction</i> , 2017, 154, 1-12.	1.1	28
8	Vitrification of dog spermatozoa: Effects of two cryoprotectants (sucrose or trehalose) and two warming procedures. <i>Cryobiology</i> , 2018, 80, 126-129.	0.3	26
9	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.	1.3	20
10	Cryopreservation effects on canine sperm morphometric variables and ultrastructure: Comparison between vitrification and conventional freezing. <i>Cryobiology</i> , 2020, 95, 164-170.	0.3	19
11	Gene expression and metabolic response of bovine oviduct epithelial cells to the early embryo. <i>Reproduction</i> , 2019, 158, 85-94.	1.1	19
12	Exocannabinoids effect on in vitro bovine oocyte maturation via activation of AKT and ERK1/2. <i>Reproduction</i> , 2016, 152, 603-612.	1.1	18
13	Resveratrol-β-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.	0.6	18
14	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.	0.8	17
15	Fertilizing capacity of vitrified epididymal sperm from Iberian ibex (<i>Capra pyrenaica</i>). <i>Theriogenology</i> , 2018, 108, 314-320.	0.9	17
16	Stage-specific metabolomic changes in equine oviductal fluid: New insights into the equine fertilization environment. <i>Theriogenology</i> , 2020, 143, 35-43.	0.9	17
17	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.	0.9	16
18	In vitro cultured bovine endometrial cells recognize embryonic sex. <i>Theriogenology</i> , 2018, 108, 176-184.	0.9	16

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19	Oxygen tension during in vitro oocyte maturation and fertilization affects embryo quality in sheep and deer. <i>Animal Reproduction Science</i> , 2020, 213, 106279.	0.5	15
20	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.	0.1	14
21	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.	0.9	12
22	Cryopreservation of canine sperm using egg yolk and soy bean based extenders. <i>Reproductive Biology</i> , 2017, 17, 233-238.	0.9	10
23	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.	0.6	9
24	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.	0.6	9
25	Heterologous murine and bovine IVF using bottlenose dolphin (<i>Tursiops truncatus</i>) spermatozoa. <i>Theriogenology</i> , 2015, 84, 983-994.	0.9	9
26	Study of the Metabolomics of Equine Preovulatory Follicular Fluid: A Way to Improve Current In Vitro Maturation Media. <i>Animals</i> , 2020, 10, 883.	1.0	9
27	Bilateral Ovaries in a 78, XX SRY-Negative Beagle Dog. <i>Journal of the American Animal Hospital Association</i> , 2015, 51, 267-271.	0.5	8
28	Cryopreservation of captive roe deer (<i>Capreolus capreolus</i>) semen. <i>Theriogenology</i> , 2016, 86, 695-703.	0.9	8
29	Expression and localization of ARTEMIN in the bovine uterus and embryos. <i>Theriogenology</i> , 2017, 90, 153-162.	0.9	8
30	Sperm Metabolomics through Nuclear Magnetic Resonance Spectroscopy. <i>Animals</i> , 2021, 11, 1669.	1.0	8
31	A drastic shift in the energetic landscape of toothed whale sperm cells. <i>Current Biology</i> , 2021, 31, 3648-3655.e9.	1.8	8
32	Ascorbic acid-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.	0.6	7
33	Effect of urokinase type plasminogen activator on in vitro bovine oocyte maturation. <i>Reproduction</i> , 2017, 154, 331-340.	1.1	6
34	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.	1.8	6
35	Bottlenose Dolphin (<i>Tursiops truncatus</i>) Spermatozoa: Collection, Cryopreservation, and Heterologous In Vitro Fertilization. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	5
36	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.	0.5	5

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37	Cryopreservation of dog epididymal spermatozoa by conventional freezing or ultra-rapid freezing with nonpermeable cryoprotectant. <i>Cryobiology</i> , 2021, 103, 15-21.	0.3	5
38	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.	0.9	4
39	Fertilizing capacity of vitrified stallion sperm assessed utilizing heterologous IVF after different semen warming procedures. <i>Animal Reproduction Science</i> , 2020, 223, 106627.	0.5	4
40	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.	0.9	4
41	Immunolocalization and effect of low concentrations of Insulin like growth factor 1 (IGF1) in the canine ovary. <i>Veterinary Medicine and Science</i> , 2021, 7, 46-56.	0.6	4
42	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.	1.8	4
43	The Proteome of Equine Oviductal Fluid Varies Before and After Ovulation: A Comparative Study. <i>Frontiers in Veterinary Science</i> , 2021, 8, 694247.	0.9	4
44	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.	0.1	3
45	Vitrification of Iberian wolf (<i>Canis lupus signatus</i>) sperm: A possible alternative to conventional cryopreservation. <i>Animal Reproduction Science</i> , 2021, 235, 106887.	0.5	3
46	EFFECT OF BOVINE OVIDUCTAL FLUID ON DNA METHYLATION OF BOVINE BLASTOCYSTS PRODUCED IN VITRO. <i>Reproduction, Fertility and Development</i> , 2017, 29, 147.	0.1	0
47	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.	0.3	0