

Irene SÃ¡nchez SÃ¡nchez-AjofrÃ¡n

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sperm Cryodamage in Ruminants: Understanding the Molecular Changes Induced by the Cryopreservation Process to Optimize Sperm Quality. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2781.	1.8	105
2	Freezing and Thawing Procedures Remodel the Proteome of Ram Sperm before and after In Vitro Capacitation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4596.	1.8	22
3	Cryopreservation of ram sperm alters the dynamic changes associated with in vitro capacitation. <i>Theriogenology</i> , 2020, 145, 100-108.	0.9	18
4	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
5	Optimization of Sperm Cryopreservation Protocol for Peregrine Falcon (<i>Falco peregrinus</i>). <i>Animals</i> , 2020, 10, 691.	1.0	14
6	Recombinant SPINK3 improves ram sperm quality and in vitro fertility after cryopreservation. <i>Theriogenology</i> , 2020, 144, 45-55.	0.9	11
7	Comparative evaluation of DNA integrity using sperm chromatin structure assay and Spermatocyte Halomax during in vitro capacitation of cryopreserved ram spermatozoa. <i>Reproduction in Domestic Animals</i> , 2019, 54, 46-49.	0.6	7
8	Cellular and Molecular Events that Occur in the Oocyte during Prolonged Ovarian Storage in Sheep. <i>Animals</i> , 2020, 10, 2414.	1.0	7
9	Unravelling how in vitro capacitation alters ram sperm chromatin before and after cryopreservation. <i>Andrology</i> , 2021, 9, 414-425.	1.9	7
10	Oocyte Morphometric Assessment and Gene Expression Profiling of Oocytes and Cumulus Cells as Biomarkers of Oocyte Competence in Sheep. <i>Animals</i> , 2021, 11, 2818.	1.0	7
11	Beneficial Effects of Melatonin in the Ovarian Transport Medium on In Vitro Embryo Production of Iberian Red Deer (<i>Cervus elaphus hispanicus</i>). <i>Animals</i> , 2020, 10, 763.	1.0	6
12	Freezing Protocol Optimization for Iberian Red Deer (<i>Cervus elaphus hispanicus</i>) Epididymal Sperm under Field Conditions. <i>Animals</i> , 2022, 12, 869.	1.0	6
13	cAMP Modulators before In Vitro Maturation Decrease DNA Damage and Boost Developmental Potential of Sheep Oocytes. <i>Animals</i> , 2021, 11, 2512.	1.0	4
14	Impact of Cryopreservation on Motile Subpopulations and Tyrosine-Phosphorylated Regions of Ram Spermatozoa during Capacitating Conditions. <i>Biology</i> , 2021, 10, 1213.	1.3	3
15	Melatonin rescues the development and quality of oocytes and cumulus cells after prolonged ovary preservation: An ovine in vitro model. <i>Theriogenology</i> , 2022, 186, 1-11.	0.9	3
16	Influence of foetal calf serum supplementation during in vitro embryo culture in Iberian red deer. <i>Reproduction in Domestic Animals</i> , 2019, 54, 69-71.	0.6	2
17	Serum supplementation during in vitro fertilization of sheep oocytes influences blastocyst quality through the differential abundance of mRNA transcripts. <i>Reproduction in Domestic Animals</i> , 2022, , .	0.6	2