

# CITATION REPORT

List of articles citing

Supplementing culture and vitrification-warming media with l-ascorbic acid enhances survival rates and redox status of IVP porcine blastocysts via induction of GPX1 and SOD1 expression

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#	Paper	IF	Citations
38	Oxidative markers in cryopreservation medium from frozen-thawed embryos: a possible tool for improved embryo selection in in vitro fertilization?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 731-9	3.4	0
37	Cryotop vitrification of porcine parthenogenetic embryos at the early developmental stages. <i>Theriogenology</i> , <b>2016</b> , 85, 434-40	2.8	14
36	Vitamin C in Stem Cell Biology: Impact on Extracellular Matrix Homeostasis and Epigenetics. <i>Stem Cells International</i> , <b>2017</b> , 2017, 8936156	5	51
35	Positive effect of resveratrol against preantral follicles degeneration after ovarian tissue vitrification. <i>Theriogenology</i> , <b>2018</b> , 114, 244-251	2.8	9
34	Vitrification, not cryoprotectant exposure, alters the expression of developmentally important genes in in vitro produced porcine blastocysts. <i>Cryobiology</i> , <b>2018</b> , 80, 70-76	2.7	19
33	Comparison of the microdrop and minimum volume cooling methods for vitrification of porcine in vitro-produced zygotes and blastocysts after equilibration in low concentrations of cryoprotectant agents. <i>Journal of Reproduction and Development</i> , <b>2018</b> , 64, 457-462	2.1	6
32	Using natural honey as an anti-oxidant and thermodynamically efficient cryoprotectant in embryo vitrification. <i>Cryobiology</i> , <b>2019</b> , 91, 30-39	2.7	4
31	Phospholipid composition and resistance to vitrification of in vivo blastocyst of a Brazilian naturalized porcine breed. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2019</b> , 71, 837-847	0.3	1
30	Health outcomes for Massachusetts infants after fresh versus frozen embryo transfer. <i>Fertility and Sterility</i> , <b>2019</b> , 112, 900-907	4.8	13
29	Supplementing Maturation Medium With Insulin Growth Factor I and Vitrification-Warming Solutions With Reduced Glutathione Enhances Survival Rates and Development Ability of Matured Vitrified-Warmed Pig Oocytes. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1894	4.6	5
28	Ovarian tissue cryopreservation for patients with premature ovary insufficiency caused by cancer treatment: optimal protocol. <i>Climacteric</i> , <b>2019</b> , 22, 383-389	3.1	6
27	Effect of resveratrol on vitrified in vitro produced bovine embryos: Recovering the initial quality. <i>Cryobiology</i> , <b>2019</b> , 89, 42-50	2.7	9
26	Effect of Knockout Serum Replacement During Postwarming Recovery Culture on the Development and Quality of Vitrified Parthenogenetic Porcine Blastocysts. <i>Biopreservation and Biobanking</i> , <b>2019</b> , 17, 342-351	2.1	5
25	Resveratrol supplementation promotes recovery of lower oxidative metabolism after vitrification and warming of in vitro-produced bovine embryos. <i>Reproduction, Fertility and Development</i> , <b>2019</b> , 31, 521-528	1.8	10
24	Antioxidants increase blastocyst cryosurvival and viability post-vitrification. <i>Human Reproduction</i> , <b>2020</b> , 35, 12-23	5.7	12
23	Morphological, biochemical and functional studies to evaluate bovine oocyte vitrification. <i>Theriogenology</i> , <b>2020</b> , 143, 18-26	2.8	11
22	The Effect of L-Carnitine Additive During Maturation on the Vitrification of Pig Oocytes. <i>Cellular Reprogramming</i> , <b>2020</b> , 22, 198-207	2.1	1

21	Clinical Application of Antioxidants to Improve Human Oocyte Mitochondrial Function: A Review. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	20
20	Successful vitrification of early-stage porcine cloned embryos. <i>Cryobiology</i> , <b>2020</b> , 97, 53-59	2.7	4
19	Glutathione Ethyl Ester Protects In Vitro Maturing Bovine Oocytes against Oxidative Stress Induced by Subsequent Vitrification/Warming. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	17
18	Ethanollic Extract of Dried Leaves from the Biome Increases the Cryotolerance of Bovine Embryos Produced. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 6046013	6.7	1
17	Leptin improves the in vitro development of preimplantation rabbit embryos under oxidative stress of cryopreservation. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246307	3.7	1
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15	Cryopreservation of Porcine Embryos: Recent Updates and Progress. <i>Biopreservation and Biobanking</i> , <b>2021</b> , 19, 210-218	2.1	1
14	The role of apoptosis in cryopreserved animal oocytes and embryos. <i>Theriogenology</i> , <b>2021</b> , 173, 93-101	2.8	2
13	Aloe vera increases mRNA expression of antioxidant enzymes in cryopreserved bovine ovarian tissue and promotes follicular growth and survival after in vitro culture. <i>Cryobiology</i> , <b>2021</b> , 102, 104-113	2.7	2
12	ANALYSIS OF THE STRUCTURAL AND FUNCTIONAL STATE OF HUMAN CORD BLOOD HEMATOPOIETIC PROGENITOR CELLS AFTER CRYOPRESERVATION WITH DMSO AND ANTIOXIDANTS AND TRANSFER TO CONDITIONS CLOSE TO PHYSIOLOGICAL. <i>Bulletin of Problems Biology and Medicine</i> , <b>2018</b> , 1-1, 384	0.1	
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10	Impact of glyphosate and its formulation Roundup® on stallion spermatozoa. <i>Theriogenology</i> , <b>2021</b> , 179, 197-203	2.8	0
9	Unveiling how vitrification affects the porcine blastocyst: clues from a transcriptomic study.. <i>Journal of Animal Science and Biotechnology</i> , <b>2022</b> , 13, 46	6	1
8	Thermally conductive graphene-based nanofluids, a novel class of cryosolutions for mouse blastocysts vitrification.. <i>Reproductive Biology</i> , <b>2022</b> , 22, 100635	2.3	
7	Stress amelioration potential of vitamin C in ruminants: a review.. <i>Tropical Animal Health and Production</i> , <b>2021</b> , 54, 24	1.7	0
6	Optimal Stage for Cryotop Vitrification of Porcine Embryos. <i>Cellular Reprogramming</i> , <b>2022</b> , 24, 132-141	2.1	
5	Effect of addition of ascorbate, dithiothreitol or a caspase-3 inhibitor to cryopreservation medium on post-thaw survival of bovine embryos produced in vitro. <i>Reproduction in Domestic Animals</i> ,	1.6	
4	Biochemical Variations in Vitrified-warmed in Vitro Matured Porcine Oocytes.		0

- 3 Mechanisms of action of non-enzymatic antioxidants to control oxidative stress during in vitro follicle growth, oocyte maturation, and embryo development. **2023**, 249, 107186 1
- 2 Glutathione during Post-Thaw Recovery Culture Can Mitigate Deleterious Impact of Vitrification on Bovine Oocytes. **2023**, 12, 35 0
- 1 Influences of l-ascorbic acid on cytotoxic, biochemical, and genotoxic damages caused by copper II oxide nanoparticles in the rainbow trout gonad cells-2. **2023**, 266, 109559 0