

CITATION REPORT

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Comparative effects of adding β -mercaptoethanol or L-ascorbic acid to culture or vitrification-warming media on IVF porcine embryos

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Reproduction, Fertility and Development, 2014, 26, 875-82.

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#	Paper	IF	Citations
31	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. <i>Cryobiology</i> , 2014 , 68, 451-8	2.7	32
30	Combining reduced glutathione and ascorbic acid has supplementary beneficial effects on boar sperm cryotolerance. <i>Theriogenology</i> , 2015 , 83, 399-407	2.8	31
29	Cryotop vitrification of porcine parthenogenetic embryos at the early developmental stages. <i>Theriogenology</i> , 2016 , 85, 434-40	2.8	14
28	Iloprost supports early development of in vitro-produced porcine embryos through activation of the phosphatidylinositol 3-kinase/AKT signalling pathway. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1306-1318	1.8	6
27	Supplementation of culture medium with L-carnitine improves the development and cryotolerance of in vitro-produced porcine embryos. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2357-2366	1.8	7
26	Improved quality of porcine embryos cultured with hyaluronan due to the modification of the mitochondrial membrane potential and reactive oxygen species level. <i>Theriogenology</i> , 2017 , 102, 1-9	2.8	8
25	Cryotolerance of porcine blastocysts is improved by treating in vitro matured oocytes with L-carnitine prior to fertilization. <i>Journal of Reproduction and Development</i> , 2017 , 63, 263-270	2.1	7
24	Cathepsin B inhibitor improves developmental competency and cryo-tolerance of in vitro ovine embryos. <i>BMC Developmental Biology</i> , 2017 , 17, 10	3.1	14
23	Exogenous ascorbic acid enhances vitrification survival of porcine in vitro-developed blastocysts but fails to improve the in vitro embryo production outcomes. <i>Theriogenology</i> , 2018 , 113, 113-119	2.8	14
22	Apoptosis and developmental capacity of vitrified parthenogenetic pig blastocysts. <i>Animal Reproduction Science</i> , 2018 , 198, 137-144	2.1	14
21	Melatonin affects the motility and adhesiveness of in vitro capacitated boar spermatozoa via a mechanism that does not depend on intracellular ROS levels. <i>Andrology</i> , 2018 , 6, 720-736	4.2	10
20	The achievement of boar sperm in vitro capacitation is related to an increase of disrupted disulphide bonds and intracellular reactive oxygen species levels. <i>Andrology</i> , 2018 , 6, 781-797	4.2	11
19	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	1.6	7
18	Supplementation with exogenous coenzyme Q10 to media for in vitro maturation and embryo culture fails to promote the developmental competence of porcine embryos. <i>Reproduction in Domestic Animals</i> , 2019 , 54 Suppl 4, 72-77	1.6	11
17	Using natural honey as an anti-oxidant and thermodynamically efficient cryoprotectant in embryo vitrification. <i>Cryobiology</i> , 2019 , 91, 30-39	2.7	4
16	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> , 2018 , 9, 1894	4.6	5
15	Different Origin, Different Response: Gene Expression Pattern in Collapsed Vitrified Blastocyst. <i>Reproductive Biology</i> , 2019 , 19, 158-164	2.3	

14	Function of berberine on porcine in vitro fertilization embryo development and differential expression analysis of microRNAs. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 520-530	1.6	4
13	Effects of Supplementation with Natural Antioxidants on Oocytes and Preimplantation Embryos. <i>Antioxidants</i> , 2020 , 9,	7.1	15
12	Glutathione Ethyl Ester Protects In Vitro Maturing Bovine Oocytes against Oxidative Stress Induced by Subsequent Vitrification/Warming. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
11	Procyanidin B1 promotes in vitro maturation of pig oocytes by reducing oxidative stress. <i>Molecular Reproduction and Development</i> , 2021 , 88, 55-66	2.6	5
10	Cryopreservation and oxidative stress in porcine oocytes. <i>Research in Veterinary Science</i> , 2021 , 135, 20-26.5	4	
9	The role of apoptosis in cryopreserved animal oocytes and embryos. <i>Theriogenology</i> , 2021 , 173, 93-101	2.8	2
8	Biological roles of l-carnitine in oocyte and early embryo development. <i>Molecular Reproduction and Development</i> , 2021 , 88, 673-685	2.6	2
7	The Natural Cryoprotectant Honey for Fertility Cryopreservation.. <i>Bioengineering</i> , 2022 , 9,	5.3	0
6	Investigation on redox status and gene expression related to larval cryopreservation in the Pacific oyster <i>Crassostrea gigas</i> . <i>Fisheries Science</i> , 1	1.9	0
5	Optimal Stage for Cryotop Vitrification of Porcine Embryos. <i>Cellular Reprogramming</i> , 2022 , 24, 132-141	2.1	
4	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	
3	Effect of vitrification on the expression of genes in porcine blastocysts derived from in vitro matured oocytes. <i>Systems Biology in Reproductive Medicine</i> , 2022 , 68, 239-246	2.9	
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1	Interplay of Oxidants and Antioxidants in Mammalian Embryo Culture System. 2022 , 243-258		0