

Oxidative stress in an assisted reproductive techniques

Fertility and Sterility

86, 503-512

DOI: [10.1016/j.fertnstert.2006.02.088](https://doi.org/10.1016/j.fertnstert.2006.02.088)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Risk of Congenital Abnormality due to ART. Journal of Mammalian Ova Research, 2007, 24, 135-141. | 0.1 | 0 |
| 2 | Is sperm evaluation useful in predicting human fertility?. Reproduction, 2007, 134, 31-40. | 1.1 | 254 |
| 3 | Investigating the relationship between embryotoxic and genotoxic effects of benzo[a]pyrene, 17 β -ethinylestradiol and endosulfan on Crassostrea gigas embryos. Aquatic Toxicology, 2007, 85, 133-142. | 1.9 | 91 |
| 4 | Clinical relevance of oxidative stress and sperm chromatin damage in male infertility: an evidence based analysis. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2007, 33, 603-621. | 0.7 | 191 |
| 5 | The male reproductive system and the effect of an extract of a medicinal plant (Hypericum perforatum) on the labeling process of blood constituents with technetium-99m. Brazilian Archives of Biology and Technology, 2007, 50, 97-104. | 0.5 | 2 |
| 6 | Human sperm DNA fragmentation: Correlation of TUNEL results as assessed by flow cytometry and optical microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 1011-1018. | 1.1 | 72 |
| 7 | Melatonin increases cleavage rate of porcine preimplantation embryos in vitro. Journal of Pineal Research, 2007, 43, 283-288. | 3.4 | 111 |
| 8 | Clinical outcome of magnetic activated cell sorting of non-apoptotic spermatozoa before density gradient centrifugation for assisted reproduction. Journal of Assisted Reproduction and Genetics, 2008, 25, 375-381. | 1.2 | 119 |
| 9 | Sperm DNA Tests as Useful Adjuncts to Semen Analysis. Systems Biology in Reproductive Medicine, 2008, 54, 111-125. | 1.0 | 114 |
| 10 | Effect of leukocytospermia on fertilization and pregnancy rates of artificial reproductive technologies. Fertility and Sterility, 2008, 90, 869-871. | 0.5 | 29 |
| 11 | Impact of oxidative stress on IVF. Expert Review of Obstetrics and Gynecology, 2008, 3, 539-554. | 0.4 | 89 |
| 12 | Redox Considerations in Female Reproductive Function and Assisted Reproduction: From Molecular Mechanisms to Health Implications. Antioxidants and Redox Signaling, 2008, 10, 1375-1404. | 2.5 | 272 |
| 13 | Cut-off Value of Reactive Oxygen Species for Predicting Semen Quality and Fertilization Outcome. Systems Biology in Reproductive Medicine, 2008, 54, 47-54. | 1.0 | 22 |
| 14 | The Impact of Oxidative Stress on Female Reproduction and ART: An Evidence-Based Review. , 0, , 629-642. | | 5 |
| 15 | Coenzyme Q10 treatment in infertile men with idiopathic asthenozoospermia: a placebo-controlled, double-blind randomized trial. Fertility and Sterility, 2009, 91, 1785-1792. | 0.5 | 170 |
| 16 | Cumulus cell apoptosis changes with exposure to spermatozoa and pathologies involved in infertility. Fertility and Sterility, 2009, 91, 2061-2068. | 0.5 | 19 |
| 17 | Effect of antioxidant supplementation of cryopreservation medium on post-thaw integrity of human spermatozoa. Reproductive BioMedicine Online, 2009, 18, 184-189. | 1.1 | 127 |
| 18 | Female Infertility and Antioxidants. Current Women's Health Reviews, 2010, 6, 84-95. | 0.1 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evidence-Based Management of Infertile Couples with Repeated Implantation Failure Following IVF. <i>Current Women's Health Reviews</i> , 2010, 6, 200-218. | 0.1 | 24 |
| 20 | The Role of Oxidative Stress and Antioxidants in Assisted Reproduction. <i>Current Women's Health Reviews</i> , 2010, 6, 227-238. | 0.1 | 40 |
| 21 | Role of Oxidative Stress in Polycystic Ovary Syndrome. <i>Current Women's Health Reviews</i> , 2010, 6, 96-107. | 0.1 | 69 |
| 22 | Effects of H ₂ O ₂ exposure on human sperm motility parameters, reactive oxygen species levels and nitric oxide levels. <i>Andrologia</i> , 2010, 42, 206-210. | 1.0 | 85 |
| 23 | Cysteamine Supplementation of <i>In vitro</i> Maturation Media: A Review. <i>Reproduction in Domestic Animals</i> , 2010, 45, e476-82. | 0.6 | 52 |
| 24 | Measurement of pO ₂ in cultured mouse oocytes using electron paramagnetic resonance oximetry. <i>Biomedical Research</i> , 2010, 31, 165-168. | 0.3 | 2 |
| 25 | Clinical significance of sperm DNA damage in assisted reproduction outcome. <i>Human Reproduction</i> , 2010, 25, 1594-1608. | 0.4 | 203 |
| 26 | SUMO proteins are involved in the stress response during spermatogenesis and are localized to DNA double-strand breaks in germ cells. <i>Reproduction</i> , 2010, 139, 999-1010. | 1.1 | 49 |
| 27 | Short-term exposure to hydrogen peroxide during oocyte maturation improves bovine embryo development. <i>Reproduction</i> , 2010, 139, 505-511. | 1.1 | 43 |
| 28 | Endometriosis-induced alterations in mouse metaphase II oocyte microtubules and chromosomal alignment: a possible cause of infertility. <i>Fertility and Sterility</i> , 2010, 94, 1894-1899. | 0.5 | 67 |
| 29 | Correlations of follicular fluid oxidative stress biomarkers and enzyme activities with embryo morphology parameters during <i>In vitro</i> fertilization. <i>Fertility and Sterility</i> , 2011, 96, 1357-1361. | 0.5 | 37 |
| 30 | Evidence of melatonin synthesis in the cumulus oocyte complexes and its role in enhancing oocyte maturation <i>in vitro</i> in cattle. <i>Molecular Reproduction and Development</i> , 2011, 78, 250-262. | 1.0 | 156 |
| 31 | Reactive oxygen species measurement in neat and washed semen: comparative analysis and its significance in male infertility assessment. <i>Archives of Gynecology and Obstetrics</i> , 2011, 283, 121-126. | 0.8 | 46 |
| 32 | Clinical Consequences of Oxidative Stress in Male Infertility. , 2012, , 535-549. | | 5 |
| 33 | Female Infertility and Assisted Reproduction: Impact of Oxidative Stress-- An Update. <i>Current Women's Health Reviews</i> , 2012, 8, 183-207. | 0.1 | 8 |
| 34 | The Effect of Light on Embryos and Embryo Culture. <i>Journal of Reproductive and Stem Cell Biotechnology</i> , 2012, 3, 46-54. | 0.1 | 25 |
| 35 | Clinician-induced (iatrogenic) damage incurred during human infertility treatment: Detrimental effects of sperm selection methods and cryopreservation upon the viability, DNA integrity, and function of human sperm. <i>Asian Pacific Journal of Reproduction</i> , 2012, 1, 69-75. | 0.2 | 8 |
| 36 | Effect of follicular fluid oxidative stress parameters on intracytoplasmic sperm injection outcome. <i>Gynecological Endocrinology</i> , 2012, 28, 51-55. | 0.7 | 59 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The effects of oxidative stress on female reproduction: a review. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 49. | 1.4 | 1,056 |
| 38 | Oxidative Stress, DNA Damage, and Apoptosis in Male Infertility. , 2012, , 433-448. | | 3 |
| 39 | The relationship between pregnancy and oxidative stress markers on patients undergoing ovarian stimulations. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 1083-1089. | 1.2 | 36 |
| 40 | Antioxidants in Sperm Cryopreservation. , 2012, , 431-437. | | 1 |
| 41 | Isolation of Ovarian Components Essential for Growth and Development of Mammalian Oocytes <i>In Vitro</i>. <i>Journal of Reproduction and Development</i> , 2012, 58, 167-174. | 0.5 | 21 |
| 42 | Chromosomal aberrations, Yq microdeletion, and sperm DNA fragmentation in infertile men opting for assisted reproduction. <i>Molecular Reproduction and Development</i> , 2012, 79, 637-650. | 1.0 | 14 |
| 43 | Melatonin prevents hypochlorous acidâ€induced alterations in microtubule and chromosomal structure in metaphaseâ€ mouse oocytes. <i>Journal of Pineal Research</i> , 2012, 53, 122-128. | 3.4 | 38 |
| 44 | The effect of alpha lipoic acid on the developmental competence of mouse isolated preantral follicles. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 175-183. | 1.2 | 61 |
| 45 | Markers of oxidative stress in follicular fluid of women with endometriosis and tubal infertility undergoing IVF. <i>Reproductive Toxicology</i> , 2013, 42, 116-124. | 1.3 | 142 |
| 46 | The role of autophagy in reproduction from gametogenesis to parturition. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 171, 3-8. | 0.5 | 41 |
| 47 | Transcriptomic signature to oxidative stress exposure at the time of embryonic genome activation in bovine blastocysts. <i>Molecular Reproduction and Development</i> , 2013, 80, 297-314. | 1.0 | 30 |
| 48 | Treatment of porcine donor cells and reconstructed embryos with the antioxidant melatonin enhances cloning efficiency. <i>Journal of Pineal Research</i> , 2013, 54, 389-397. | 3.4 | 34 |
| 49 | Effect of Follicular Fluid NO, MDA and GSH Levels on in vitro Fertilization Outcomes. <i>Journal of the Turkish German Gynecology Association</i> , 2013, 14, 136-141. | 0.2 | 40 |
| 50 | Power of Proteomics in Linking Oxidative Stress and Female Infertility. <i>BioMed Research International</i> , 2014, 2014, 1-26. | 0.9 | 85 |
| 51 | Effect of Oxidative Stress on Male Reproduction. <i>World Journal of Men?s Health</i> , 2014, 32, 1. | 1.7 | 859 |
| 52 | Prooxidant Effects of Verbascoside, a Bioactive Compound from Olive Oil Mill Wastewater, on<i>In Vitro</i> Developmental Potential of Ovine Prepubertal Oocytes and Bioenergetic/Oxidative Stress Parameters of Fresh and Vitrified Oocytes. <i>BioMed Research International</i> , 2014, 2014, 1-14. | 0.9 | 26 |
| 53 | Effects of reactive oxygen species levels in prepared culture media on embryo development: A comparison of two media. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 504-508. | 0.5 | 24 |
| 54 | Reactive oxygen species in follicular fluid may serve as biochemical markers to determine ovarian aging and follicular metabolic age. <i>Gynecological Endocrinology</i> , 2014, 30, 705-707. | 0.7 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Comparison of oxidative status of mouse preantral follicles derived from vitrified whole ovarian tissue and vitrified preantral follicles in the presence of alpha lipoic acid. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014, 40, 1680-1688. | 0.6 | 27 |
| 56 | Processes involved in assisted reproduction technologies significantly increase sperm DNA fragmentation and phosphatidylserine translocation. <i>Andrologia</i> , 2014, 46, 86-97. | 1.0 | 13 |
| 57 | Male infertility testing: reactive oxygen species and antioxidant capacity. <i>Fertility and Sterility</i> , 2014, 102, 1518-1527. | 0.5 | 250 |
| 58 | Current Status of <i>In Vitro</i> Embryo Production in Sheep and Goats. <i>Reproduction in Domestic Animals</i> , 2014, 49, 37-48. | 0.6 | 64 |
| 59 | Strategies to Ameliorate Oxidative Stress During Assisted Reproduction. <i>SpringerBriefs in Reproductive Biology</i> , 2014, , . | 0.0 | 5 |
| 60 | Utility of antioxidants during assisted reproductive techniques: an evidence based review. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 112. | 1.4 | 154 |
| 61 | Electrochemical Devices for Monitoring Biomarkers in Embryo Development. <i>Electrochimica Acta</i> , 2014, 140, 42-48. | 2.6 | 3 |
| 62 | Obesity and follicular fluid oxidative stress: Relationship to ICSI outcome. <i>Middle East Fertility Society Journal</i> , 2014, 19, 139-143. | 0.5 | 6 |
| 63 | Evaluation of conventional semen parameters, intracellular reactive oxygen species, DNA fragmentation and dysfunction of mitochondrial membrane potential after semen preparation techniques: a flow cytometric study. <i>Archives of Gynecology and Obstetrics</i> , 2014, 289, 173-180. | 0.8 | 42 |
| 64 | High level of intracellular sperm oxidative stress negatively influences embryo pronuclear formation after intracytoplasmic sperm injection treatment. <i>Andrologia</i> , 2014, 46, 1118-1127. | 1.0 | 22 |
| 65 | Dose-dependent effect of melatonin on postwarming development of vitrified ovine embryos. <i>Theriogenology</i> , 2014, 81, 1058-1066. | 0.9 | 35 |
| 66 | Improvement in <i>In Vitro</i> Fertilization Rate, Decrease in Reactive Oxygen Species and Spermatozoa Death Incidence in Rams by Dietary Fish Oil. <i>Reproduction in Domestic Animals</i> , 2014, 49, 599-605. | 0.6 | 8 |
| 67 | Estresse oxidativo sistêmico e folicular em mulheres inférteis com endometriose submetidas à injeção intracitoplasmática de espermatozoide. <i>Reproducao E Climaterio</i> , 2014, 29, 112-122. | 0.1 | 1 |
| 68 | The effect of light on embryos and embryo culture. , 0, , 104-116. | | 4 |
| 69 | Melatonin significantly improves the developmental competence of bovine somatic cell nuclear transfer embryos. <i>Journal of Pineal Research</i> , 2015, 59, 455-468. | 3.4 | 51 |
| 70 | CRIOTOLERÂNCIA DE OOCITOS E EMBRIÕES BOVINOS MATURADOS COM LÂQUIDO FOLICULAR E/OU Î²-MERCAPTOETANOL. <i>Ciencia Animal Brasileira</i> , 2015, 16, 205-216. | 0.3 | 0 |
| 71 | Lifestyle and Outcomes of Assisted Reproductive Techniques: A Narrative Review. <i>Global Journal of Health Science</i> , 2015, 7, 11-22. | 0.1 | 16 |
| 72 | <i>In vitro</i> development rate of preimplantation rabbit embryos cultured with different levels of melatonin. <i>Zygote</i> , 2015, 23, 111-115. | 0.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Efficacious long-term cooling and freezing of Sapajus apella semen in ACP-118 [®] . <i>Animal Reproduction Science</i> , 2015, 159, 118-123. | 0.5 | 14 |
| 74 | Antioxidant effect of crocin on bovine sperm quality and in vitro fertilization. <i>Theriogenology</i> , 2015, 84, 1273-1282. | 0.9 | 57 |
| 75 | Higher SOD1 Gene Expression in Cumulus Cells From Infertile Women With Moderate and Severe Endometriosis. <i>Reproductive Sciences</i> , 2015, 22, 1452-1460. | 1.1 | 27 |
| 76 | Changes of sFas and sFasL, oxidative stress markers in serum and follicular fluid of patients undergoing IVF. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 233-241. | 1.2 | 21 |
| 77 | Novel insights into the pathophysiology of varicocele and its association with reactive oxygen species and sperm DNA fragmentation. <i>Asian Journal of Andrology</i> , 2016, 18, 186. | 0.8 | 197 |
| 78 | Varicocele management in the era of in vitro fertilization/intracytoplasmic sperm injection. <i>Asian Journal of Andrology</i> , 2016, 18, 343. | 0.8 | 27 |
| 79 | Effect of nerve growth factor on sperm quality in asthenozoospermic men during cryopreservation. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 29. | 1.4 | 31 |
| 80 | Effect of melatonin on maturation capacity and fertilization of Nili-Ravi buffalo (<i>Bubalus bubalis</i>). <i>Journal of Reproduction and Fertility</i> , 2016, 48, 103-107. | 0.3 | 12 |
| 81 | L-carnitine Mediated Reduction in Oxidative Stress and Alteration in Transcript Level of Antioxidant Enzymes in Sheep Embryos Produced In Vitro. <i>Reproduction in Domestic Animals</i> , 2016, 51, 311-321. | 0.6 | 60 |
| 82 | Oxidation-reduction potential of semen: what is its role in the treatment of male infertility?. <i>Therapeutic Advances in Urology</i> , 2016, 8, 302-318. | 0.9 | 117 |
| 83 | Melatonin delivery by nanocapsules during in vitro bovine oocyte maturation decreased the reactive oxygen species of oocytes and embryos. <i>Reproductive Toxicology</i> , 2016, 63, 70-81. | 1.3 | 45 |
| 84 | Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. <i>Journal of Reproductive Immunology</i> , 2016, 116, 70-75. | 0.8 | 20 |
| 85 | Protective effect of crocetin on bovine spermatozoa against oxidative stress during in vitro fertilization. <i>Andrology</i> , 2016, 4, 1138-1149. | 1.9 | 25 |
| 86 | The embryonic stress response to in vitro culture: insight from genomic analysis. <i>Reproduction</i> , 2016, 152, R247-R261. | 1.1 | 50 |
| 87 | Protective effects of melatonin on bovine sperm characteristics and subsequent in vitro embryo development. <i>Molecular Reproduction and Development</i> , 2016, 83, 993-1002. | 1.0 | 46 |
| 88 | Folic Acid and Grape Seed Extract Prevent Azathioprine-induced Fetal Malformations and Renal Toxicity in Rats. <i>Phytotherapy Research</i> , 2016, 30, 2027-2035. | 2.8 | 4 |
| 89 | Effect of short-term exposure of cumulus-oocyte complex to morpholinopyridone on in vitro embryo development and gene expression in cattle. <i>Reproduction in Domestic Animals</i> , 2016, 51, 1010-1019. | 0.6 | 3 |
| 90 | Increased concentration of 8-hydroxy-2-deoxyguanosine in follicular fluid of infertile women with endometriosis. <i>Cell and Tissue Research</i> , 2016, 366, 231-242. | 1.5 | 61 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Serum Antioxidants Are Associated with Serum Reproductive Hormones and Ovulation among Healthy Women. <i>Journal of Nutrition</i> , 2016, 146, 98-106. | 1.3 | 45 |
| 92 | Enhanced in vitro developmental competence of sheep embryos following sericin supplementation of the in vitro maturation and in vitro culture media. <i>Small Ruminant Research</i> , 2016, 136, 257-260. | 0.6 | 9 |
| 93 | Diagnostic application of total antioxidant capacity in seminal plasma to assess oxidative stress in male factor infertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 627-635. | 1.2 | 67 |
| 94 | Comparison of different fertilisation media for an in vitro maturation–fertilisation–culture system using flow-cytometrically sorted X chromosome-bearing spermatozoa for bovine embryo production. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1695. | 0.1 | 0 |
| 95 | Effect of spermatozoa motility hyperactivation factors and gamete coinubation duration on in vitro bovine embryo development using flow cytometrically sorted spermatozoa. <i>Reproduction, Fertility and Development</i> , 2017, 29, 805. | 0.1 | 5 |
| 96 | Potential role of green tea catechins in the management of oxidative stress-associated infertility. <i>Reproductive BioMedicine Online</i> , 2017, 34, 487-498. | 1.1 | 100 |
| 98 | Dietary inclusion of fish oil changes the semen lipid composition but does not improve the post-thaw semen quality of ram spermatozoa. <i>Animal Reproduction Science</i> , 2017, 183, 132-142. | 0.5 | 10 |
| 99 | The Role of Heat Shock Proteins in Reproductive System Development and Function. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, , . | 1.0 | 3 |
| 100 | The Role of Hsp70 in the Regulation of Autophagy in Gametogenesis, Pregnancy, and Parturition. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 222, 117-127. | 1.0 | 22 |
| 101 | Free radical and superoxide reactivity detection in semen quality assessment: past, present, and future. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 697-707. | 1.2 | 68 |
| 102 | Antioxidant properties of coenzyme Q10-pretreated mouse pre-antral follicles derived from vitrified ovaries. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 140-148. | 0.6 | 12 |
| 103 | Protective features of resveratrol on human spermatozoa cryopreservation may be mediated through 5 ^α -AMP-activated protein kinase activation. <i>Andrology</i> , 2017, 5, 313-326. | 1.9 | 45 |
| 104 | High doses of lipid-core nanocapsules do not affect bovine embryonic development in vitro. <i>Toxicology in Vitro</i> , 2017, 45, 194-201. | 1.1 | 7 |
| 105 | Reactive oxygen species measured in the unprocessed semen samples of 715 infertile patients. <i>Reproductive Medicine and Biology</i> , 2017, 16, 354-363. | 1.0 | 16 |
| 106 | Periconception in Physiology and Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2017, , . | 0.8 | 0 |
| 107 | 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 |
| 108 | Peroxidized mineral oil increases the oxidant status of culture media and inhibits in vitro porcine embryo development. <i>Theriogenology</i> , 2017, 103, 17-23. | 0.9 | 16 |
| 109 | Oxidative Stress Markers in GnRH Agonist And Antagonist Protocols in IVF. <i>Journal of Medical Biochemistry</i> , 2017, 36, 163-170. | 0.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 110 | Oxidative Stress in Nonalcoholic Steatohepatitis. , 2017, , 373-386. | | 0 |
| 111 | Rutin can replace the use of three other antioxidants in the culture medium, maintaining the viability of sheep isolated secondary follicles. Theriogenology, 2017, 89, 263-270. | 0.9 | 38 |
| 112 | Antioxidant Therapy in Assisted Reproductive Technologies. , 2017, , 137-158. | | 1 |
| 113 | Melatonin Promotes the In Vitro Development of Microinjected Pronuclear Mouse Embryos via Its Anti-Oxidative and Anti-Apoptotic Effects. International Journal of Molecular Sciences, 2017, 18, 988. | 1.8 | 28 |
| 114 | Melatonin Scavenger Properties against Oxidative and Nitrosative Stress: Impact on Gamete Handling and In Vitro Embryo Production in Humans and Other Mammals. International Journal of Molecular Sciences, 2017, 18, 1119. | 1.8 | 57 |
| 115 | The Role of Antioxidant Enzymes in the Ovaries. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14. | 1.9 | 98 |
| 116 | Oxidative Stress Alters the Profile of Transcription Factors Related to Early Development on <i>In Vitro</i> Produced Embryos. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14. | 1.9 | 34 |
| 117 | Role of Antioxidants in Assisted Reproductive Techniques. World Journal of Men's Health, 2017, 35, 77. | 1.7 | 69 |
| 118 | Review on the role of glutathione on oxidative stress and infertility. Jornal Brasileiro De Reproducao Assistida, 2017, 22, 61-66. | 0.3 | 83 |
| 119 | The correct interpretation of sperm DNA fragmentation test. Translational Andrology and Urology, 2017, 6, S621-S623. | 0.6 | 12 |
| 120 | A Strengths-Weaknesses-Opportunities-Threats (SWOT) analysis on the clinical utility of sperm DNA fragmentation testing in specific male infertility scenarios. Translational Andrology and Urology, 2017, 6, S734-S760. | 0.6 | 35 |
| 121 | Influence of follicular fluid and cumulus cells on oocyte quality: clinical implications. Journal of Assisted Reproduction and Genetics, 2018, 35, 735-751. | 1.2 | 163 |
| 122 | Reduction in Percoll volume increases recovery rate of sex-sorted semen of bulls without affecting sperm quality and early embryonic development. Animal Reproduction Science, 2018, 192, 146-153. | 0.5 | 5 |
| 123 | H3K9 demethylase KDM4E is an epigenetic regulator for bovine embryonic development and a defective factor for nuclear reprogramming. Development (Cambridge), 2018, 145, . | 1.2 | 98 |
| 124 | The role of mitochondrial activity in female fertility and assisted reproductive technologies: overview and current insights. Reproductive BioMedicine Online, 2018, 36, 686-697. | 1.1 | 75 |
| 125 | Effect of the age of broodstock males on sperm function during cold storage in the trout (<i>Oncorhynchus mykiss</i>). Andrologia, 2018, 50, e12857. | 1.0 | 29 |
| 126 | Melatonin reduces apoptotic cells, <sc>SOD</sc>2 and <sc>HSPB</sc>1 and improves the in vitro production and quality of bovine blastocysts. Reproduction in Domestic Animals, 2018, 53, 226-236. | 0.6 | 22 |
| 127 | Beneficial role of melatonin in protecting mammalian gametes and embryos from oxidative damage. Journal of Integrative Agriculture, 2018, 17, 2320-2335. | 1.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 128 | Updating the markers for oocyte quality evaluation: intracellular temperature as a new index. <i>Reproductive Medicine and Biology</i> , 2018, 17, 434-441. | 1.0 | 24 |
| 129 | Physiological and Pathological Roles of Free Radicals in Male Reproduction. , 0, , . | | 7 |
| 130 | Reactive Oxygen Species and Sperm Cells. , 0, , . | | 10 |
| 131 | Determination of oxidative stress balance in follicular fluid. <i>Laboratoriums Medizin</i> , 2018, 42, 51-58. | 0.1 | 0 |
| 132 | The Potential of Nanotechnology in Medically Assisted Reproduction. <i>Frontiers in Pharmacology</i> , 2017, 8, 994. | 1.6 | 21 |
| 133 | Laboratory Evaluation of Reactive Oxygen Species. , 2018, , 78-84. | | 3 |
| 134 | Embryotrophic effect of a short-term embryo coculture with bovine luteal cells. <i>Theriogenology</i> , 2018, 119, 143-149. | 0.9 | 8 |
| 135 | Effects of <i>AANAT</i> overexpression on the inflammatory responses and autophagy activity in the cellular and transgenic animal levels. <i>Autophagy</i> , 2018, 14, 1850-1869. | 4.3 | 24 |
| 136 | Oxidative stress and outcome of antioxidant supplementation in patients with polycystic ovarian syndrome (PCOS). <i>International Journal of Reproduction, Contraception, Obstetrics and Gynecology</i> , 2018, 7, 1667. | 0.0 | 25 |
| 137 | Use of polyvinyl alcohol as a chemically defined compound in egg yolk-free extender for dog sperm cryopreservation. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1449-1458. | 0.6 | 11 |
| 138 | Sperm Assessment: Novel Approaches and Their Indicative Value. , 2019, , 265-281. | | 1 |
| 139 | Vitamin E but Not GSH Decreases Reactive Oxygen Species Accumulation and Enhances Sperm Production during In Vitro Maturation of Frozen-Thawed Prepubertal Mouse Testicular Tissue. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5380. | 1.8 | 19 |
| 140 | Antioxidant effects of the essential oil of <i>Syzygium aromaticum</i> on bovine epididymal spermatozoa. <i>Andrologia</i> , 2019, 51, e13448. | 1.0 | 10 |
| 141 | Transfer of mouse blastocysts exposed to ambient oxygen levels can lead to impaired lung development and redox balance. <i>Molecular Human Reproduction</i> , 2019, 25, 745-754. | 1.3 | 3 |
| 142 | Thymoquinone reduces intracytoplasmic oxidative stress and improves epigenetic modification in polycystic ovary syndrome mice oocytes, during in vitro maturation. <i>Molecular Reproduction and Development</i> , 2019, 86, 1053-1066. | 1.0 | 22 |
| 143 | Kaempferol attenuates mitochondrial dysfunction and oxidative stress induced by H ₂ O ₂ during porcine embryonic development. <i>Theriogenology</i> , 2019, 135, 174-180. | 0.9 | 20 |
| 144 | Supplementation of maturation medium with CoQ10 enhances developmental competence of ovine oocytes through improvement of mitochondrial function. <i>Molecular Reproduction and Development</i> , 2019, 86, 812-824. | 1.0 | 23 |
| 145 | Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2019, , 193371911983178. | 1.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 147 | Antioxidants and Male Fertility: from Molecular Studies to Clinical Evidence. <i>Antioxidants</i> , 2019, 8, 89. | 2.2 | 100 |
| 148 | Melatonin supplementation during in vitro maturation of oocyte enhances subsequent development of bovine cloned embryos. <i>Journal of Cellular Physiology</i> , 2019, 234, 17370-17381. | 2.0 | 81 |
| 149 | DNA Damage and Repair in Human Reproductive Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 31. | 1.8 | 88 |
| 150 | Limited relationships between reactive oxygen species levels in culture media and zygote and embryo development. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 325-334. | 1.2 | 35 |
| 151 | Impact of the mode of conception on gestational hypertensive disorders at very advanced maternal age. <i>Reproductive BioMedicine Online</i> , 2020, 40, 281-286. | 1.1 | 5 |
| 152 | Cryopreservation induces higher oxidative stress levels in <i>Bos indicus</i> embryos compared with <i>Bos taurus</i> . <i>Theriogenology</i> , 2020, 143, 74-81. | 0.9 | 12 |
| 153 | Early Life Oxidative Stress and Long-Lasting Cardiovascular Effects on Offspring Conceived by Assisted Reproductive Technologies: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5175. | 1.8 | 17 |
| 154 | First pregnancy after in vitro culture of early antral follicles in goats: Positive effects of anethole on follicle development and steroidogenesis. <i>Molecular Reproduction and Development</i> , 2020, 87, 966-977. | 1.0 | 27 |
| 155 | Production of in vitro bovine embryos supplemented with l-carnitine in different oxygen tensions and the relation to nitric oxide. <i>Zygote</i> , 2020, 28, 403-408. | 0.5 | 1 |
| 156 | The effectiveness of the <i>Macrotermes gilvus</i> termite queen for sperm repair in infertile mice. <i>Journal of Physics: Conference Series</i> , 2020, 1567, 032046. | 0.3 | 0 |
| 157 | Women with polycystic ovary syndrome and other causes of infertility have a higher prevalence of GSTT1 deletion. <i>Reproductive BioMedicine Online</i> , 2020, 41, 892-901. | 1.1 | 7 |
| 158 | Effect of nicotinamide supplementation in in vitro fertilization medium on bovine embryo development. <i>Molecular Reproduction and Development</i> , 2020, 87, 1070-1081. | 1.0 | 1 |
| 159 | DNA fragmentation of sperm: a radical examination of the contribution of oxidative stress and age in 16% semen samples. <i>Human Reproduction</i> , 2020, 35, 2188-2196. | 0.4 | 45 |
| 160 | The role of environmental optimization for storing bulls' sperm cells. <i>Systems Biology in Reproductive Medicine</i> , 2020, 66, 300-310. | 1.0 | 3 |
| 161 | Air-Drying Llama Sperm Affects DNA Integrity. <i>Frontiers in Veterinary Science</i> , 2020, 7, 597952. | 0.9 | 3 |
| 162 | Reactive oxygen species in reproduction: harmful, essential or both?. <i>Zygote</i> , 2020, 28, 255-269. | 0.5 | 22 |
| 163 | Oxidative Stress and BPA Toxicity: An Antioxidant Approach for Male and Female Reproductive Dysfunction. <i>Antioxidants</i> , 2020, 9, 405. | 2.2 | 120 |
| 164 | Induction of oxidative stress does not increase the cryotolerance of vitrified embryos. <i>Animal Reproduction Science</i> , 2020, 219, 106511. | 0.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 165 | Source and Follicular Fluid Treatment During the <i>In Vitro</i> Maturation of Recipient Oocytes Affects the Development of Cloned Pig Embryo. <i>Cellular Reprogramming</i> , 2020, 22, 71-81. | 0.5 | 8 |
| 166 | Mitochondrial Dysfunction and Ovarian Aging. <i>Endocrinology</i> , 2020, 161, . | 1.4 | 81 |
| 167 | Combination therapy with antioxidants improves total motile sperm counts: A Preliminary Study. <i>Reproductive Medicine and Biology</i> , 2020, 19, 89-94. | 1.0 | 23 |
| 168 | Oxidative stress in the pathophysiology of male infertility. <i>Andrologia</i> , 2021, 53, e13581. | 1.0 | 65 |
| 169 | Blastocoel fluid removal and melatonin supplementation in the culture medium improve the viability of vitrified bovine embryos. <i>Theriogenology</i> , 2021, 160, 134-141. | 0.9 | 6 |
| 170 | Oxidative stress and male infertility. <i>Reproductive Medicine and Biology</i> , 2021, 20, 41-52. | 1.0 | 74 |
| 171 | Effect of ovarian stimulation by different gonadotrophin treatments on in vivo and in vitro reproductive efficiency of rabbit does under high ambient temperature. <i>Tropical Animal Health and Production</i> , 2021, 53, 22. | 0.5 | 2 |
| 172 | The comparison and improvement of artificial media used for the maturation of testicular sperm of rainbow trout neomales. <i>Aquaculture</i> , 2021, 533, 736115. | 1.7 | 0 |
| 173 | Oxidative Stress in Oocytes and Embryo Development: Implications for <i>In Vitro</i> Systems. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 1394-1406. | 2.5 | 30 |
| 174 | Ameliorating Effects of Natural Antioxidant Compounds on Female Infertility: a Review. <i>Reproductive Sciences</i> , 2021, 28, 1227-1256. | 1.1 | 29 |
| 175 | In vitro maturation medium supplementation with resveratrol improves cumulus cell expansion and developmental competence of Sanjabi sheep oocytes. <i>Livestock Science</i> , 2021, 243, 104378. | 0.6 | 1 |
| 176 | Effect of antioxidants on preimplantation embryo development <i>in vitro</i> : a review. <i>Zygote</i> , 2021, 29, 179-193. | 0.5 | 16 |
| 177 | Comparison of Anti-Oxidative Effect of Human Adipose- and Amniotic Membrane-Derived Mesenchymal Stem Cell Conditioned Medium on Mouse Preimplantation Embryo Development. <i>Antioxidants</i> , 2021, 10, 268. | 2.2 | 3 |
| 178 | Increased Environment-Related Metabolism and Genetic Expression in the <i>In Vitro</i> Matured Mouse Oocytes by Transcriptome Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642010. | 1.8 | 6 |
| 179 | Evaluation of the damage caused by in vitro culture and cryopreservation to dermal fibroblasts derived from jaguars: An approach to conservation through biobanks. <i>Zoo Biology</i> , 2021, 40, 288-296. | 0.5 | 5 |
| 180 | Effect of zinc chloride and sodium selenite supplementation on in vitro maturation, oxidative biomarkers, and gene expression in buffalo (<i>Bubalus bubalis</i>) oocytes. <i>Zygote</i> , 2021, 29, 393-400. | 0.5 | 1 |
| 181 | Protective Effect of Chlorogenic Acid on Human Sperm: <i>In Vitro</i> Studies and Frozen-Thawed Protocol. <i>Antioxidants</i> , 2021, 10, 744. | 2.2 | 10 |
| 182 | NRF2-mediated signaling is a master regulator of transcription factors in bovine granulosa cells under oxidative stress condition. <i>Cell and Tissue Research</i> , 2021, 385, 769-783. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 183 | Effect of melatonin supplementation during IVM of dromedary camel oocytes (<i>Camelus dromedarius</i>) on their maturation, fertilization, and developmental rates in vitro. <i>Theriogenology</i> , 2021, 172, 187-192. | 0.9 | 18 |
| 185 | Role of astaxanthin as an efficient antioxidant on the in vitro maturation and vitrification of porcine oocytes. <i>Theriogenology</i> , 2021, 167, 13-23. | 0.9 | 25 |
| 186 | Supplementation with Niacin during in vitro maturation improves the quality of porcine embryos. <i>Theriogenology</i> , 2021, 169, 36-46. | 0.9 | 13 |
| 187 | Molecular Drivers of Developmental Arrest in the Human Preimplantation Embryo: A Systematic Review and Critical Analysis Leading to Mapping Future Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8353. | 1.8 | 18 |
| 188 | Comparison of Histone H3K4me3 between IVF and ICSI Technologies and between Boy and Girl Offspring. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8574. | 1.8 | 9 |
| 189 | Peroxiredoxin 6 Plays Essential Role in Mediating Fertilization and Early Embryonic Development in Rabbit Oviduct. <i>Reproductive Sciences</i> , 2021, , 1. | 1.1 | 1 |
| 190 | Antioxidants Present in Reproductive Tract Fluids and Their Relevance for Fertility. <i>Antioxidants</i> , 2021, 10, 1441. | 2.2 | 17 |
| 191 | Is there still a role for a cleavage-stage embryo transfer?. <i>F&S Reports</i> , 2021, 2, 269-274. | 0.4 | 1 |
| 192 | Improving the post-thaw quality of rooster semen using the extender supplemented with resveratrol. <i>Poultry Science</i> , 2021, 100, 101290. | 1.5 | 13 |
| 193 | Use of melatonin in sperm cryopreservation of farm animals: A brief review. <i>Animal Reproduction Science</i> , 2021, 233, 106850. | 0.5 | 11 |
| 194 | Schisanhenol improves early porcine embryo development by regulating the phosphorylation level of MAPK. <i>Theriogenology</i> , 2021, 175, 34-43. | 0.9 | 10 |
| 195 | Antioxidant Strategies to Overcome OS in IVF-Embryo Transfer. , 2013, , 237-262. | | 13 |
| 196 | Antioxidants in Sperm Cryopreservation. , 2020, , 671-678. | | 10 |
| 197 | Oxidative Stress and Its Association with Male Infertility. , 2020, , 57-68. | | 20 |
| 198 | Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2020, 27, 1602-1608. | 1.1 | 14 |
| 200 | Carnosic acid improves porcine early embryonic development by inhibiting the accumulation of reactive oxygen species. <i>Journal of Reproduction and Development</i> , 2020, 66, 555-562. | 0.5 | 4 |
| 201 | Associations between PON1 enzyme activities in human ovarian follicular fluid and serum specimens. <i>PLoS ONE</i> , 2017, 12, e0172193. | 1.1 | 9 |
| 202 | Reactive oxygen species and sperm DNA fragmentation. <i>Translational Andrology and Urology</i> , 2017, 6, S695-S696. | 0.6 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 203 | Melatonin Modifies Histone Acetylation During In Vitro Maturation of Mouse Oocytes. <i>Cell Journal</i> , 2018, 20, 244-249. | 0.2 | 15 |
| 204 | Evaluating The Effect of Melatonin on HAS2, and PGR expression, as well as Cumulus Expansion, and Fertility Potential in Mice. <i>Cell Journal</i> , 2018, 20, 108-112. | 0.2 | 8 |
| 205 | Effects of Crocin Supplementation during In Vitro Maturation of Mouse Oocytes on Glutathione Synthesis and Cytoplasmic Maturation. <i>International Journal of Fertility & Sterility</i> , 2016, 10, 53-61. | 0.2 | 11 |
| 206 | ASSESSMENT OF SERUM ZINC LEVEL IN PATIENTS WITH POLYCYSTIC OVARY SYNDROME. <i>Iraqi Journal of Medical Sciences</i> , 2017, 15, . | 0.0 | 2 |
| 207 | Antioxidant supplementation to medium for in vitro embryo production in <i>Felis catus</i> . <i>Polish Journal of Veterinary Sciences</i> , 2019, 22, 573-573. | 0.2 | 6 |
| 208 | Biomarkers of Oxidative Stress in Polycystic Ovary Disorder. <i>Annals of the College of Medicine Mosul</i> , 2020, 41, 112-116. | 0.0 | 2 |
| 209 | Induction of Oxidative Stress and Mitochondrial Dysfunction by Juglone Affects the Development of Bovine Oocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 168. | 1.8 | 11 |
| 210 | Laboratory tests for oxidative stress. <i>Indian Journal of Urology</i> , 2017, 33, 199. | 0.2 | 46 |
| 211 | Total oxidative status of mouse vitrified pre-antral follicles with pre-treatment of alpha lipoic acid. <i>Iranian Biomedical Journal</i> , 2014, 18, 181-8. | 0.4 | 10 |
| 212 | Supplementation of antioxidants for in Vitro embryo production of buffaloes. <i>Journal of Veterinary Medical Research</i> , 2009, 19, 74-80. | 0.2 | 0 |
| 213 | Effect of Oxidative Stress on ART Outcome. , 2012, , 449-483. | | 1 |
| 215 | Endometriosis and Infertility: The Role of Oxidative Stress. , 0, , . | | 0 |
| 216 | Antioxidants in Sperm Cryopreservation. , 2013, , 385-395. | | 0 |
| 217 | Sources of ROS in ART. <i>SpringerBriefs in Reproductive Biology</i> , 2014, , 3-22. | 0.0 | 2 |
| 219 | The role of multicomponent antioxidant "Androdose" in the treatment of idiopathic pathospermia. <i>Russian Journal of Human Reproduction</i> , 2015, 21, 133. | 0.1 | 1 |
| 220 | Oxidative Stress Induced Infertility in Varicocele. , 2016, 05, . | | 0 |
| 221 | Compendium of Oxidative Stress-Related Research from Cleveland Clinic (1993"2016). , 2017, , 151-190. | | 0 |
| 222 | The Measurement of Oxidative Stress in Semen and Use in Assisted Reproduction. , 2017, , 169-182. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 223 | CORRELATING SPERM REACTIVE OXYGEN SPECIES PRODUCTION AND ITS MORPHOLOGICAL DEFECTS â€œ WHICH CAN BE THE BEST POSSIBLE MORPHOLOGICAL PREDICTOR OF OXIDATIVE DAMAGE IN ROUTINE SCREENING?. International Journal of Anatomy and Research, 2017, 5, 3913-3922. | 0.0 | 0 |
| 224 | The use of AndroDoz in the treatment of pathospermia as a male infertility factor. Russian Journal of Human Reproduction, 2018, 24, 55. | 0.1 | 0 |
| 225 | A Cellular Perspective on the Importance of Oxidative Stress Effects on Sperm. Journal of Ardabil University of Medical Sciences, 2018, 18, 7-20. | 0.1 | 1 |
| 226 | Ä°n vitro fertilizasyon olgularÄ±nda serÄ±m ve follikÃ¼ler sÄ±vÄ± total oksidan ve antioksidan seviyelerinin incelenmesi. Zeynep Kamil Tip Bulteni, 0, , . | 0.1 | 0 |
| 227 | The effect of oxygen concentration on embryo development and assisted reproductive technologies efficiency. Genes and Cells, 2018, 13, 39-46. | 0.2 | 0 |
| 228 | Bovine Sperm Motility as Affected by Alpha Tocopherol and Ascorbic Acid during Storage. Advances in Reproductive Sciences, 2019, 07, 39-49. | 0.3 | 2 |
| 229 | Endometriosis, Infertility, and Oocyte Quality. , 2020, , 265-289. | | 1 |
| 230 | Sperm Processing and Selection. , 2020, , 647-659. | | 0 |
| 231 | Influencia del estrÃ©s oxidativo seminal en el resultado de tÃ©cnicas de fertilizaciÃ³n in vitro. Cumbres, 2017, 3, 31-40. | 0.2 | 0 |
| 232 | Mitochondrial Uncoupling Proteins (UCPs) as Key Modulators of ROS Homeostasis: A Crosstalk between Diabesity and Male Infertility?. Antioxidants, 2021, 10, 1746. | 2.2 | 16 |
| 233 | Assisted reproductive technology (ART) and epigenetic modifications in the placenta. Human Fertility, 2023, 26, 665-677. | 0.7 | 0 |
| 234 | Effect of cyanocobalamin on oocyte maturation, in vitro fertilization, and embryo development in mice. Zygote, 2021, 29, 161-168. | 0.5 | 2 |
| 235 | Cross flow coupled with inertial focusing for separation of human sperm cells from semen and simulated TESE samples. Analyst, The, 2021, 146, 7230-7239. | 1.7 | 3 |
| 236 | Seminal Oxidation-Reduction Potential. , 2020, , 377-387. | | 0 |
| 237 | EstÃ¡gio de desenvolvimento no envase afeta a viabilidade de embriÃµes bovinos produzidos in vitro. Research, Society and Development, 2020, 9, e134963615. | 0.0 | 0 |
| 238 | Idiopathic recurrent pregnancy loss: role of paternal factors; a pilot study. Journal of Reproduction and Infertility, 2011, 12, 267-76. | 1.0 | 28 |
| 239 | The Effect of Melatonin on Maturation, Glutathione Level and Expression of H MGB1 Gene in Brilliant Cresyl Blue (BCB) Stained Immature Oocyte. Cell Journal, 2014, 15, 294-301. | 0.2 | 16 |
| 240 | Melatonin effect during different maturation stages of oocyte and subsequent embryo development in mice. Iranian Journal of Reproductive Medicine, 2013, 11, 11-8. | 0.8 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 241 | The impact of alpha lipoic acid on developmental competence of mouse vitrified pre-antral follicles in comparison to those isolated from vitrified ovaries. Iranian Journal of Reproductive Medicine, 2014, 12, 57-64. | 0.8 | 11 |
| 242 | Association of fetuin A, adiponectin, interleukin 10 and total antioxidant capacity with IVF outcomes. Iranian Journal of Reproductive Medicine, 2014, 12, 747-54. | 0.8 | 6 |
| 243 | Effect of Acetylcholinesterase and Butyrylcholinesterase on Intrauterine Insemination, Contribution to Inflammations, Oxidative Stress and Antioxidant Status; A Preliminary Report. Journal of Reproduction and Infertility, 2016, 17, 157-62. | 1.0 | 1 |
| 244 | Curcumin Inhibits The Adverse Effects of Sodium Arsenite in Mouse Epididymal Sperm. International Journal of Fertility & Sterility, 2016, 10, 245-52. | 0.2 | 4 |
| 245 | Reactive oxygen species level, mitochondrial transcription factor A gene expression and succinate dehydrogenase activity in metaphase II oocytes derived from cultured vitrified mouse ovaries. Veterinary Research Forum, 2018, 9, 145-152. | 0.3 | 3 |
| 246 | The effect of sodium selenite on apoptotic gene expression and development of cultured mouse oocytes in comparison with obtained oocytes. Veterinary Research Forum, 2020, 11, 377-383. | 0.3 | 1 |
| 247 | Effects of the antioxidant crocin on frozen-thawed buffalo (<i>Bubalus bubalis</i>) sperm. Italian Journal of Animal Science, 2021, 20, 2095-2101. | 0.8 | 3 |
| 248 | DNA damage in preimplantation embryos and gametes: specification, clinical relevance and repair strategies. Human Reproduction Update, 2022, 28, 376-399. | 5.2 | 17 |
| 249 | Î±-Ketoglutarate Improves Meiotic Maturation of Porcine Oocytes and Promotes the Development of PA Embryos, Potentially by Reducing Oxidative Stress through the Nrf2 Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17. | 1.9 | 5 |
| 250 | Oxidative Stress and Assisted Reproduction: A Comprehensive Review of Its Pathophysiological Role and Strategies for Optimizing Embryo Culture Environment. Antioxidants, 2022, 11, 477. | 2.2 | 36 |
| 251 | Role of Klotho as a Modulator of Oxidative Stress Associated with Ovarian Tissue Cryopreservation. International Journal of Molecular Sciences, 2021, 22, 13547. | 1.8 | 9 |
| 252 | Effects of individual or in combination antioxidant supplementation during in vitro maturation culture on the developmental competence and quality of porcine embryos. Reproduction in Domestic Animals, 2022, 57, 314-320. | 0.6 | 4 |
| 255 | Adverse effects of advanced glycation end products on embryonal development. Acta Medica Okayama, 2008, 62, 93-9. | 0.1 | 4 |
| 256 | Follicular fluid 8-Hydroxy-2-Deoxyguanosine (8-OHdG) as biomarker for oxidative stress in intracytoplasmic sperm injection. Journal of Medical Investigation, 2022, 69, 112-116. | 0.2 | 5 |
| 260 | Oxidative stress and female reproductive disorder: A review. Asian Pacific Journal of Reproduction, 2022, 11, 107. | 0.2 | 7 |
| 261 | The effect of Caulerpa sertularioides extract on bull sperm freezability and subsequent embryo development. Theriogenology, 2022, 189, 167-176. | 0.9 | 2 |
| 262 | Melatonin accelerates the developmental competence and telomere elongation in ovine SCNT embryos. PLoS ONE, 2022, 17, e0267598. | 1.1 | 6 |
| 263 | Effect of capsaicin on the feed intake and immunoglobulin concentration of sows, and performance of piglets. Tropical Animal Health and Production, 2022, 54, . | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 264 | Importance of Antioxidant Supplementation during In Vitro Maturation of Mammalian Oocytes. <i>Veterinary Sciences</i> , 2022, 9, 439. | 0.6 | 7 |
| 265 | Quercetin protects mouse oocytes against chromium-induced damage in vitro and in vivo. <i>Journal of Trace Elements in Medicine and Biology</i> , 2023, 75, 127087. | 1.5 | 2 |
| 266 | Optimizing swine in vitro embryo production with growth factor and antioxidant supplementation during oocyte maturation. <i>Theriogenology</i> , 2022, 194, 133-143. | 0.9 | 12 |
| 267 | Supplementation of SDF1 during Pig Oocyte In Vitro Maturation Improves Subsequent Embryo Development. <i>Molecules</i> , 2022, 27, 6830. | 1.7 | 4 |
| 268 | Interplay of Oxidants and Antioxidants in Mammalian Embryo Culture System. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 243-258. | 0.8 | 3 |
| 269 | Oxidative Stress in Assisted Reproductive Techniques, with a Focus on an Underestimated Risk Factor. <i>Current Issues in Molecular Biology</i> , 2023, 45, 1272-1286. | 1.0 | 11 |
| 270 | Antioxidant effect of ergothioneine on <i>in vitro</i> maturation of porcine oocytes. <i>Journal of Veterinary Science</i> , 2023, 24, . | 0.5 | 1 |
| 271 | Female Reproductive Aging and Oxidative Stress: Mesenchymal Stem Cell Conditioned Medium as a Promising Antioxidant. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5053. | 1.8 | 8 |
| 272 | A review of the use of antioxidants in bovine sperm preparation protocols. <i>Animal Reproduction Science</i> , 2023, 251, 107215. | 0.5 | 7 |
| 273 | Factors affecting superovulation induction in goats (<i>Capra hircus</i>): An analysis of various approaches. <i>Frontiers in Veterinary Science</i> , 0, 10, . | 0.9 | 2 |