

Muhammad Anzar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

672
citations

840119

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610482

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799
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sperm Apoptosis in Fresh and Cryopreserved Bull Semen Detected by Flow Cytometry and Its Relationship with Fertility1. <i>Biology of Reproduction</i> , 2002, 66, 354-360. | 1.2 | 255 |
| 2 | Cryopreservation of Mammalian Oocyte for Conservation of Animal Genetics. <i>Veterinary Medicine International</i> , 2011, 2011, 1-11. | 0.6 | 60 |
| 3 | Na ⁺ /K ⁺ -ATPase as a Signaling Molecule During Bovine Sperm Capacitation1. <i>Biology of Reproduction</i> , 2006, 75, 308-317. | 1.2 | 59 |
| 4 | Fertility-associated metabolites in bull seminal plasma and blood serum: ¹ H nuclear magnetic resonance analysis. <i>Molecular Reproduction and Development</i> , 2015, 82, 123-131. | 1.0 | 55 |
| 5 | Comparison of Different Methods for Assessment of Sperm Concentration and Membrane Integrity With Bull Semen. <i>Journal of Andrology</i> , 2009, 30, 661-668. | 2.0 | 32 |
| 6 | Transcriptomic difference in bovine blastocysts following vitrification and slow freezing at morula stage. <i>PLoS ONE</i> , 2017, 12, e0187268. | 1.1 | 32 |
| 7 | Egg yolk-free cryopreservation of bull semen. <i>PLoS ONE</i> , 2019, 14, e0223977. | 1.1 | 26 |
| 8 | Vitrification of immature bovine cumulus-oocyte complexes: effects of cryoprotectants, the vitrification procedure and warming time on cleavage and embryo development. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 73. | 1.4 | 21 |
| 9 | Effect of in utero and lactational nicotine exposure on the male reproductive tract in peripubertal and adult rats. <i>Reproductive Toxicology</i> , 2011, 31, 418-423. | 1.3 | 19 |
| 10 | Sperm survival kinetics in different types of bull semen: progressive motility, plasma membrane integrity, acrosomal status and reactive oxygen species generation. <i>Reproduction, Fertility and Development</i> , 2015, 27, 784. | 0.1 | 17 |
| 11 | Cholesterol added prior to vitrification on the cryotolerance of immature and in vitro matured bovine oocytes. <i>PLoS ONE</i> , 2017, 12, e0184714. | 1.1 | 16 |
| 12 | Effect of cryopreservation technique and season on the survival of in vitro produced cattle embryos. <i>Animal Reproduction Science</i> , 2016, 164, 162-168. | 0.5 | 11 |
| 13 | Relationship between sperm apoptosis and bull fertility: in vivo and in vitro studies. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1369. | 0.1 | 10 |
| 14 | In vivo and in vitro maturation of oocytes collected from superstimulated wood bison (<i>Bison bison</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 87-96. | 0.5 | 10 |
| 15 | In vitro embryo production in wood bison (<i>Bison bison athabascae</i>) using in vivo matured cumulus-oocyte complexes. <i>Theriogenology</i> , 2017, 89, 122-130. | 0.9 | 9 |
| 16 | Synchrotron X-Ray Diffraction to Detect Glass or Ice Formation in the Vitrified Bovine Cumulus-Oocyte Complexes and Morulae. <i>PLoS ONE</i> , 2014, 9, e114801. | 1.1 | 8 |
| 17 | Short-term culture of adult bovine ovarian tissues: chorioallantoic membrane (CAM) vs. traditional in vitro culture systems. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 21. | 1.4 | 6 |
| 18 | Natural honey acts as a nonpermeating cryoprotectant for promoting bovine oocyte vitrification. <i>PLoS ONE</i> , 2020, 15, e0238573. | 1.1 | 6 |

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|----|---|-----|-----------|
| 19 | InÂvitro- production of embryos using immature oocytes collected transvaginally from superstimulated wood bison (<i>Bison bison athabasca</i>). <i>Theriogenology</i> , 2017, 92, 103-110. | 0.9 | 5 |
| 20 | Angiogenesis and follicular development in ovarian tissue of cattle following vitrification and post-warming culture on chicken chorioallantoic membrane. <i>Animal Reproduction Science</i> , 2020, 212, 106254. | 0.5 | 4 |
| 21 | Cholesterol-cyclodextrin complex as a replacement for egg yolk in bull semen extender: sperm characteristics post-thawing and in vivo fertility. <i>Animal Reproduction Science</i> , 2021, 225, 106691. | 0.5 | 4 |
| 22 | Cryopreservation of bison semen without exogenous protein in extender and its fertility potential inÂvitro and inÂvivo following fixed-time artificial insemination. <i>Theriogenology</i> , 2020, 152, 156-164. | 0.9 | 3 |
| 23 | Effect of season and superstimulatory treatment on in vivo and in vitro embryo production in wood bison (<i>Bison bison athabasca</i>). <i>Reproduction in Domestic Animals</i> , 2020, 55, 54-63. | 0.6 | 2 |
| 24 | Feeding yearling Angus bulls low-level ergot daily for 9 weeks decreased serum prolactin concentrations and had subtle effects on sperm end points. <i>Theriogenology</i> , 2021, 161, 187-199. | 0.9 | 2 |
| 25 | Sustained low-dose ergot alkaloids minimally affect post-thaw sperm characteristics in mature and yearling Angus bulls. <i>Theriogenology</i> , 2021, 176, 163-173. | 0.9 | 0 |