

Muhammad Anzar

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

672
citations

840119

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Natural honey acts as a nonpermeating cryoprotectant for promoting bovine oocyte vitrification. <i>PLoS ONE</i> , 2020, 15, e0238573.	1.1	6
7	Cryopreservation of bison semen without exogenous protein in extender and its fertility potential in vitro and in vivo following fixed-time artificial insemination. <i>Theriogenology</i> , 2020, 152, 156-164.	0.9	3
8	Egg yolk-free cryopreservation of bull semen. <i>PLoS ONE</i> , 2019, 14, e0223977.	1.1	26
9	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
10	In vitro- 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
11	In vitro embryo production in wood bison (<i>Bison bison athabasca</i>) using in vivo matured cumulus-oocyte complexes. <i>Theriogenology</i> , 2017, 89, 122-130.	0.9	9
12	Transcriptomic difference in bovine blastocysts following vitrification and slow freezing at morula stage. <i>PLoS ONE</i> , 2017, 12, e0187268.	1.1	32
13	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
14	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
15	In vivo and in vitro maturation of oocytes collected from superstimulated wood bison (<i>Bison bison</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> 87-96.	0.5	10
16	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
17	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
18	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

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19	Synchrotron X-Ray Diffraction to Detect Glass or Ice Formation in the Vitrified Bovine Cumulus-Oocyte Complexes and Morulae. PLoS ONE, 2014, 9, e114801.	1.1	8
20	Vitrification of immature bovine cumulus-oocyte complexes: effects of cryoprotectants, the vitrification procedure and warming time on cleavage and embryo development. Reproductive Biology and Endocrinology, 2012, 10, 73.	1.4	21
21	Cryopreservation of Mammalian Oocyte for Conservation of Animal Genetics. Veterinary Medicine International, 2011, 2011, 1-11.	0.6	60
22	Effect of in utero and lactational nicotine exposure on the male reproductive tract in peripubertal and adult rats. Reproductive Toxicology, 2011, 31, 418-423.	1.3	19
23	Comparison of Different Methods for Assessment of Sperm Concentration and Membrane Integrity With Bull Semen. Journal of Andrology, 2009, 30, 661-668.	2.0	32
24	Na ⁺ /K ⁺ ATPase as a Signaling Molecule During Bovine Sperm Capacitation ¹ . Biology of Reproduction, 2006, 75, 308-317.	1.2	59
25	Sperm Apoptosis in Fresh and Cryopreserved Bull Semen Detected by Flow Cytometry and Its Relationship with Fertility ¹ . Biology of Reproduction, 2002, 66, 354-360.	1.2	255