

Ayman Mesalam

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

315
citations

758635

12
h-index

839053

18
g-index

24
all docs

24
docs citations

24
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	A combination of bovine serum albumin with insulinâ€“transferrinâ€“sodium selenite and/or epidermal growth factor as alternatives to fetal bovine serum in culture medium improves bovine embryo quality and trophoblast invasion by induction of matrix metalloproteinases. <i>Reproduction, Fertility and Development</i> , 2019, 31, 333.	0.1	29
2	2-Methoxystyrene improves in vitro -produced bovine embryo quality through inhibition of IKBKB. <i>Theriogenology</i> , 2017, 99, 10-20.	0.9	28
3	Supplementation of lycopene in maturation media improves bovine embryo quality in vitro. <i>Theriogenology</i> , 2017, 103, 173-184.	0.9	28
4	Melatonin Abrogates the Anti-Developmental Effect of the AKT Inhibitor SH6 in Bovine Oocytes and Embryos. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2956.	1.8	27
5	Improved developmental competence in embryos treated with lycopene during in vitro culture system. <i>Molecular Reproduction and Development</i> , 2018, 85, 46-61.	1.0	23
6	Polydatin improves the developmental competence of bovine embryos in vitro via induction of sirtuin 1 (Sirt1). <i>Reproduction, Fertility and Development</i> , 2017, 29, 2011.	0.1	22
7	Improvement of in vitro-produced bovine embryo treated with coagulansin-A under heat-stressed condition. <i>Reproduction</i> , 2017, 153, 421-431.	1.1	20
8	Improves the In Vitro Developmental Competence and Reprogramming Efficiency of Cloned Bovine Embryos by Additional Complimentary Cytoplasm. <i>Cellular Reprogramming</i> , 2019, 21, 51-60.	0.5	20
9	Matrix metalloproteinases improves trophoblast invasion and pregnancy potential in mice. <i>Theriogenology</i> , 2020, 151, 144-150.	0.9	16
10	In vitro production of sex preselected cattle embryos using a monoclonal antibody raised against bull sperm epitopes. <i>Animal Reproduction Science</i> , 2019, 205, 156-164.	0.5	14
11	Effect of charcoal:dextran stripped fetal bovine serum on in vitro development of bovine embryos. <i>Reproductive Biology</i> , 2017, 17, 312-319.	0.9	13
12	Lupeol supplementation improves the developmental competence of bovine embryos in vitro. <i>Theriogenology</i> , 2018, 107, 203-210.	0.9	13
13	Graphene Oxideâ€“Silver Nanoparticle Nanocomposites Induce Oxidative Stress and Aberrant Methylation in Caprine Fetal Fibroblast Cells. <i>Cells</i> , 2021, 10, 682.	1.8	13
14	Polydatin and I-CBP112 protects early bovine embryo against nicotinamide-induced mitochondrial dysfunction. <i>Theriogenology</i> , 2019, 134, 1-10.	0.9	12
15	Nicotinamide Supplementation during the In Vitro Maturation of Oocytes Improves the Developmental Competence of Preimplantation Embryos: Potential Link to SIRT1/AKT Signaling. <i>Cells</i> , 2020, 9, 1550.	1.8	12
16	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
17	Lâ€“cysteine improves bovine oocyte developmental competence in vitro via activation of oocyteâ€“derived growth factors BMP15 and GDF9. <i>Reproduction in Domestic Animals</i> , 2022, 57, 734-742.	0.6	5
18	Effects of Donor Cell Types on the Development of Bovine Embryos Using Cytoplasm Injection Cloning Technology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5841.	1.8	4

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19	Effect of Predator Stress on the Reproductive Performance of Female Mice After Nonsurgical Embryo Transfer. <i>Journal of the American Association for Laboratory Animal Science</i> , 2019, 58, 304-310.	0.6	2
20	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
21	Nicotinamide-induced mouse embryo developmental defect rescued by resveratrol and ICBP112. <i>Molecular Reproduction and Development</i> , 2020, 87, 1009-1017.	1.0	1
22	Supplementation of insulin-transferrin-sodium selenite in culture medium improves the hypothermic storage of bovine embryos produced in vitro. <i>Theriogenology</i> , 2020, 152, 147-155.	0.9	1
23	Fibronectin protected bovine preantral follicles from the deleterious effects of kisspeptin. <i>Theriogenology</i> , 2021, 161, 301-312.	0.9	0
24	Structural Changes of Zona Pellucida Surface of Immature, In vivo and In Vitro Matured Canine Oocytes Using Scanning Electron Microscopy. <i>Journal of Animal Reproduction and Biotechnology</i> , 2018, 33, 281-286.	0.3	0