

# Ahmed Gad

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,021  
citations

471061

17  
h-index

414034

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-extracellular vesicles and their microRNA cargo from porcine follicular fluids: the potential association with oocyte quality. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, .	2.1	6
2	Cellular and molecular alterations of buffalo oocytes cultured under two different levels of oxygen tension during in vitro maturation. <i>Zygote</i> , 2021, 29, 314-324.	0.5	1
3	Adaptive and Biological Responses of Buffalo Granulosa Cells Exposed to Heat Stress under In Vitro Condition. <i>Animals</i> , 2021, 11, 794.	1.0	5
4	Improving the Quality of Oocytes with the Help of Nucleolotransfer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 328.	1.7	1
5	Editorial: Biofluid Extracellular Vesicles and Their Involvement in Animal Reproductive Physiology. <i>Frontiers in Veterinary Science</i> , 2021, 8, 747138.	0.9	3
6	The Role of MAPK3/1 and AKT in the Acquisition of High Meiotic and Developmental Competence of Porcine Oocytes Cultured In Vitro in FLI Medium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11148.	1.8	13
7	Global transcriptome analysis of porcine oocytes in correlation with follicle size. <i>Molecular Reproduction and Development</i> , 2020, 87, 102-114.	1.0	5
8	Extracellular vesicles shuttle protective messages against heat stress in bovine granulosa cells. <i>Scientific Reports</i> , 2020, 10, 15824.	1.6	24
9	Extracellular Vesicles as Mediators of Environmental and Metabolic Stress Coping Mechanisms During Mammalian Follicular Development. <i>Frontiers in Veterinary Science</i> , 2020, 7, 602043.	0.9	12
10	Inhibition of miR-152 during In Vitro Maturation Enhances the Developmental Potential of Porcine Embryos. <i>Animals</i> , 2020, 10, 2289.	1.0	1
11	Plasma extracellular vesicle miRNAs as potential biomarkers of superstimulatory response in cattle. <i>Scientific Reports</i> , 2020, 10, 19130.	1.6	10
12	Expression of lamin C2 in mammalian oocytes. <i>PLoS ONE</i> , 2020, 15, e0229781.	1.1	5
13	Evaluation of Growth Performance, Blood Metabolites and Gene Expression Analysis in Egyptian Sheep Breeds, in Relation to Age. <i>Journal of World's Poultry Research</i> , 2020, 10, 18-29.	0.2	0
14	Superoxide dismutase mimics improves semen quality during chilled preservation of rabbit spermatozoa. <i>Livestock Science</i> , 2019, 221, 70-76.	0.6	1
15	microRNA expression profile in porcine oocytes with different developmental competence derived from large or small follicles. <i>Molecular Reproduction and Development</i> , 2019, 86, 426-439.	1.0	17
16	Influence of maternal nutrition and heat stress on bovine oocyte and embryo development. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, S1-S5.	0.8	19
17	Preparation and in vitro characterization of silver-doped bioactive glass nanoparticles fabricated using a sol-gel process and modified StÄrber method. <i>Journal of Non-Crystalline Solids</i> , 2018, 483, 26-36.	1.5	55
18	Retinoic acid improves maturation rate and upregulates the expression of antioxidant-related genes in in vitro matured buffalo ( <i>Bubalus bubalis</i> ) oocytes. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, 279-285.	0.8	24

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19	Genome-wide DNA methylation patterns of bovine blastocysts derived from in vivo embryos subjected to in vitro culture before, during or after embryonic genome activation. BMC Genomics, 2018, 19, 424.	1.2	50
20	Antibacterial activity and biocompatibility of zein scaffolds containing silver-doped bioactive glass. Biomedical Materials (Bristol), 2018, 13, 065006.	1.7	26
21	Fateful triad of reactive oxygen species, mitochondrial dysfunction and lipid accumulation is associated with expression outline of the AMP-activated protein kinase pathway in bovine blastocysts. Reproduction, Fertility and Development, 2017, 29, 890.	0.1	13
22	187 9-cis RETINOIC ACID IMPROVES MATURATION RATE AND ALTERS GENE EXPRESSION OF IN VITRO-MATURED OOCYTES IN EGYPTIAN BUFFALO. Reproduction, Fertility and Development, 2017, 29, 202.	0.1	0
23	232 EFFECT OF SUPEROVULATION PRETREATMENT ON DEVELOPMENTAL CHARACTERISTICS OF IN VITRO-FERTILIZED BOVINE EMBRYOS TRANSFERRED TO THE OVIDUCT-UTERUS ENVIRONMENT. Reproduction, Fertility and Development, 2016, 28, 247.	0.1	0
24	Chemical and biological evaluation of Egyptian Nile Tilapia ( <i>Oreochromis niloticas</i> ) fish scale collagen. International Journal of Biological Macromolecules, 2015, 79, 618-626.	3.6	78
25	Antioxidant Capacity of Melatonin on Preimplantation Development of Fresh and Vitrified Rabbit Embryos: Morphological and Molecular Aspects. PLoS ONE, 2015, 10, e0139814.	1.1	45
26	Genome-Wide DNA Methylation Patterns of Bovine Blastocysts Developed In Vivo from Embryos Completed Different Stages of Development In Vitro. PLoS ONE, 2015, 10, e0140467.	1.1	76
27	Bovine embryo survival under oxidative stress conditions is associated with activity of the NRF2-mediated oxidative stress response pathway. Molecular Reproduction and Development, 2014, 81, 497-513.	1.0	70
28	Global transcriptome analysis of bovine blastocysts developed under alternative vivo/vitro culture conditions during specific stages of development. Animal Reproduction Science, 2014, 149, 98-99.	0.5	0
29	Expression analysis of regulatory microRNAs in bovine cumulus oocyte complex and preimplantation embryos. Zygote, 2013, 21, 31-51.	0.5	100
30	RNA Deep Sequencing Reveals Novel Candidate Genes and Polymorphisms in Boar Testis and Liver Tissues with Divergent Androgen Levels. PLoS ONE, 2013, 8, e63259.	1.1	32
31	211 IN VITRO CULTURE CONDITIONS AFFECT GENE EXPRESSION PATTERN OF BOVINE BLASTOCYST IN A STAGE-SPECIFIC MANNER. Reproduction, Fertility and Development, 2013, 25, 254.	0.1	1
32	Endometrial response of beef heifers on day 7 following insemination to supraphysiological concentrations of progesterone associated with superovulation. Physiological Genomics, 2012, 44, 1107-1115.	1.0	21
33	cDNA microarray analysis of gene expression in parthenotes and in vitro produced buffalo embryos. Theriogenology, 2012, 77, 1240-1251.	0.9	13
34	Molecular Mechanisms and Pathways Involved in Bovine Embryonic Genome Activation and Their Regulation by Alternative In Vivo and In Vitro Culture Conditions. Biology of Reproduction, 2012, 87, 100.	1.2	130
35	Transcriptome profile of early mammalian embryos in response to culture environment. Animal Reproduction Science, 2012, 134, 76-83.	0.5	26
36	134 TRANSCRIPTOME PROFILE OF BOVINE BLASTOCYSTS DERIVED FROM ALTERNATIVE IN VIVO AND IN VITRO CULTURE CONDITIONS AT SPECIFIC PHASES OF EARLY EMBRYONIC DEVELOPMENT. Reproduction, Fertility and Development, 2012, 24, 179.	0.1	1

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37	Bovine blastocysts with developmental competence to term share similar expression of developmentally important genes although derived from different culture environments. <i>Reproduction</i> , 2011, 142, 551-564.	1.1	71
38	Effect of reproductive tract environment following controlled ovarian hyperstimulation treatment on embryo development and global transcriptome profile of blastocysts: implications for animal breeding and human assisted reproduction. <i>Human Reproduction</i> , 2011, 26, 1693-1707.	0.4	65
39	240 DIFFERENCES IN GLOBAL TRANSCRIPTOME PROFILE OF BOVINE BLASTOCYSTS DERIVED FROM SUPEROVULATED OR SYNCHRONIZED CYCLIC HEIFERS. <i>Reproduction, Fertility and Development</i> , 2010, 22, 278.	0.1	0
40	254 REGULATORY microRNA IN THE BIDIRECTIONAL COMMUNICATION OF BOVINE OOCYTES AND THE SURROUNDING CUMULUS CELLS. <i>Reproduction, Fertility and Development</i> , 2010, 22, 284.	0.1	0