

# Ahmed Gad

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,021  
citations

471371

17  
h-index

414303

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms and Pathways Involved in Bovine Embryonic Genome Activation and Their Regulation by Alternative In Vivo and In Vitro Culture Conditions. <i>Biology of Reproduction</i> , 2012, 87, 100.	1.2	130
2	Expression analysis of regulatory microRNAs in bovine cumulus oocyte complex and preimplantation embryos. <i>Zygote</i> , 2013, 21, 31-51.	0.5	100
3	Chemical and biological evaluation of Egyptian Nile Tilapia ( <i>Oreochromis niloticus</i> ) fish scale collagen. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 618-626.	3.6	78
4	Genome-Wide DNA Methylation Patterns of Bovine Blastocysts Developed In Vivo from Embryos Completed Different Stages of Development In Vitro. <i>PLoS ONE</i> , 2015, 10, e0140467.	1.1	76
5	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
6	Bovine embryo survival under oxidative stress conditions is associated with activity of the NRF2-mediated oxidative stress response pathway. <i>Molecular Reproduction and Development</i> , 2014, 81, 497-513.	1.0	70
7	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
8	Preparation and in vitro characterization of silver-doped bioactive glass nanoparticles fabricated using a sol-gel process and modified Stober method. <i>Journal of Non-Crystalline Solids</i> , 2018, 483, 26-36.	1.5	55
9	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. <i>BMC Genomics</i> , 2018, 19, 424.	1.2	50
10	Antioxidant Capacity of Melatonin on Preimplantation Development of Fresh and Vitrified Rabbit Embryos: Morphological and Molecular Aspects. <i>PLoS ONE</i> , 2015, 10, e0139814.	1.1	45
11	RNA Deep Sequencing Reveals Novel Candidate Genes and Polymorphisms in Boar Testis and Liver Tissues with Divergent Androgen Levels. <i>PLoS ONE</i> , 2013, 8, e63259.	1.1	32
12	Transcriptome profile of early mammalian embryos in response to culture environment. <i>Animal Reproduction Science</i> , 2012, 134, 76-83.	0.5	26
13	Antibacterial activity and biocompatibility of zein scaffolds containing silver-doped bioactive glass. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 065006.	1.7	26
14	Retinoic acid improves maturation rate and upregulates the expression of antioxidant-related genes in <i>in vitro</i> matured buffalo ( <i>Bubalus bubalis</i> ) oocytes. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, 279-285.	0.8	24
15	Extracellular vesicles shuttle protective messages against heat stress in bovine granulosa cells. <i>Scientific Reports</i> , 2020, 10, 15824.	1.6	24
16	Endometrial response of beef heifers on day 7 following insemination to supraphysiological concentrations of progesterone associated with superovulation. <i>Physiological Genomics</i> , 2012, 44, 1107-1115.	1.0	21
17	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
18	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

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19	cDNA microarray analysis of gene expression in parthenotes and in vitro produced buffalo embryos. <i>Theriogenology</i> , 2012, 77, 1240-1251.	0.9	13
20	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. <i>Reproduction, Fertility and Development</i> , 2017, 29, 890.	0.1	13
21	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
22	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
23	Plasma extracellular vesicle miRNAs as potential biomarkers of superstimulatory response in cattle. <i>Scientific Reports</i> , 2020, 10, 19130.	1.6	10
24	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
25	Global transcriptome analysis of porcine oocytes in correlation with follicle size. <i>Molecular Reproduction and Development</i> , 2020, 87, 102-114.	1.0	5
26	Expression of lamin C2 in mammalian oocytes. <i>PLoS ONE</i> , 2020, 15, e0229781.	1.1	5
27	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
28	Editorial: Biofluid Extracellular Vesicles and Their Involvement in Animal Reproductive Physiology. <i>Frontiers in Veterinary Science</i> , 2021, 8, 747138.	0.9	3
29	Superoxide dismutase mimics improves semen quality during chilled preservation of rabbit spermatozoa. <i>Livestock Science</i> , 2019, 221, 70-76.	0.6	1
30	Inhibition of miR-152 during In Vitro Maturation Enhances the Developmental Potential of Porcine Embryos. <i>Animals</i> , 2020, 10, 2289.	1.0	1
31	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
32	Improving the Quality of Oocytes with the Help of Nucleolotransfer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 328.	1.7	1
33	134 TRANSCRIPTOME PROFILE OF BOVINE BLASTOCYSTS DERIVED FROM ALTERNATIVE IN VIVO AND IN VITRO CULTURE CONDITIONS AT SPECIFIC PHASES OF EARLY EMBRYONIC DEVELOPMENT. <i>Reproduction, Fertility and Development</i> , 2012, 24, 179.	0.1	1
34	211 IN VITRO CULTURE CONDITIONS AFFECT GENE EXPRESSION PATTERN OF BOVINE BLASTOCYST IN A STAGE-SPECIFIC MANNER. <i>Reproduction, Fertility and Development</i> , 2013, 25, 254.	0.1	1
35	Global transcriptome analysis of bovine blastocysts developed under alternative vivo/vitro culture conditions during specific stages of development. <i>Animal Reproduction Science</i> , 2014, 149, 98-99.	0.5	0
36	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

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37	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
38	232 EFFECT OF SUPEROVULATION PRETREATMENT ON DEVELOPMENTAL CHARACTERISTICS OF IN VITRO-FERTILIZED BOVINE EMBRYOS TRANSFERRED TO THE OVIDUCT-UTERUS ENVIRONMENT. <i>Reproduction, Fertility and Development</i> , 2016, 28, 247.	0.1	0
39	187 9-cis RETINOIC ACID IMPROVES MATURATION RATE AND ALTERS GENE EXPRESSION OF IN VITRO-MATURED OOCYTES IN EGYPTIAN BUFFALO. <i>Reproduction, Fertility and Development</i> , 2017, 29, 202.	0.1	0
40	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