

# M M R Chowdhury

## List of Publications by Year in descending order

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14  
papers

180  
citations

933264

10  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

219  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Transcriptome profiling of in vitro-matured oocytes from a Korean native cow (hanwoo) after cysteamine supplementation. <i>Animal Biotechnology</i> , 2020, 32, 1-12.	0.7	1
3	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
4	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
5	A combination of bovine serum albumin with insulin-transferrin-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
6	PTPN11 (SHP2) Is Indispensable for Growth Factors and Cytokine Signal Transduction During Bovine Oocyte Maturation and Blastocyst Development. <i>Cells</i> , 2019, 8, 1272.	1.8	21
7	Polydatin and I-CBP112 protects early bovine embryo against nicotinamide-induced mitochondrial dysfunction. <i>Theriogenology</i> , 2019, 134, 1-10.	0.9	12
8	The PPAR $\gamma$ Agonist GW501516 Improves Lipolytic/Lipogenic Balance through CPT1 and PEPCK during the Development of Pre-Implantation Bovine Embryos. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6066.	1.8	13
9	Production of Handmade Open Pulled Straw (OPS) Using Digital Heating Gun for the Vitrification Process. <i>Cryo-Letters</i> , 2019, 40, 367-373.	0.1	0
10	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
11	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
12	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
13	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
14	Coagulansin-A has beneficial effects on the development of bovine embryos in vitro via HSP70 induction. <i>Bioscience Reports</i> , 2016, 36, .	1.1	13