

# Fabiola F. Paula-Lopes

## List of Publications by Year in descending order

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44  
papers

2,182  
citations

304368

22  
h-index

243296

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of maternal heat-stress on follicular growth and oocyte competence in <i>Bos indicus</i> cattle. <i>Theriogenology</i> , 2008, 69, 155-166.	0.9	396
2	Effect of Season and Exposure to Heat Stress on Oocyte Competence in Holstein Cows. <i>Journal of Dairy Science</i> , 2002, 85, 390-396.	1.4	195
3	Adverse impact of heat stress on embryo production: causes and strategies for mitigation. <i>Theriogenology</i> , 2001, 55, 91-103.	0.9	149
4	Heat Shock-Induced Apoptosis in Preimplantation Bovine Embryos Is a Developmentally Regulated Phenomenon <sup>1</sup> . <i>Biology of Reproduction</i> , 2002, 66, 1169-1177.	1.2	148
5	Genetic divergence in cellular resistance to heat shock in cattle: differences between breeds developed in temperate versus hot climates in responses of preimplantation embryos, reproductive tract tissues and lymphocytes to increased culture temperatures. <i>Reproduction</i> , 2003, 125, 285-294.	1.1	106
6	Influence of bovine sperm DNA fragmentation and oxidative stress on early embryo in vitro development outcome. <i>Reproduction</i> , 2013, 146, 433-441.	1.1	98
7	Maturation of Bovine Oocytes in the Presence of Leptin Improves Development and Reduces Apoptosis of In Vitro-Produced Blastocysts <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 73, 737-744.	1.2	96
8	Effects of growth hormone and insulin-like growth factor-I on development of in vitro derived bovine embryos. <i>Theriogenology</i> , 2002, 57, 895-907.	0.9	88
9	Apoptosis is an adaptive response in bovine preimplantation embryos that facilitates survival after heat shock. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 37-42.	1.0	82
10	Regulation of Preimplantation Development of Bovine Embryos by Interleukin-1 $\beta$ <sup>1</sup> . <i>Biology of Reproduction</i> , 1998, 59, 1406-1412.	1.2	71
11	Use of insulin-like growth factor-I during embryo culture and treatment of recipients with gonadotropin-releasing hormone to increase pregnancy rates following the transfer of in vitro-produced embryos to heat-stressed, lactating cows. <i>Journal of Animal Science</i> , 2003, 81, 1590.	0.2	69
12	Follicular fluid exosomes act on the bovine oocyte to improve oocyte competence to support development and survival to heat shock. <i>Reproduction, Fertility and Development</i> , 2019, 31, 888.	0.1	68
13	Leptin Promotes Meiotic Progression and Developmental Capacity of Bovine Oocytes Via Cumulus Cell-Independent and -Dependent Mechanisms <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 76, 532-541.	1.2	67
14	Deleterious Actions of Gossypol on Bovine Spermatozoa, Oocytes, and Embryos <sup>1</sup> . <i>Biology of Reproduction</i> , 1997, 57, 901-907.	1.2	55
15	Localization of granulocyte-macrophage colony-stimulating factor in the bovine reproductive tract. <i>Journal of Reproductive Immunology</i> , 1999, 42, 135-145.	0.8	52
16	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Influence of cattle genotype ( <i>Bos indicus</i> vs. <i>Bos Tj</i> ) on reproductive performance of <i>Bos taurus</i> × <i>Bos indicus</i> crossbred cows. <i>Journal of Animal Science</i> , 2013, 91, 1143-1153.	0.2	44
17	Manipulation of Antioxidant Status Fails to Improve Fertility of Lactating Cows or Survival of Heat-Shocked Embryos. <i>Journal of Dairy Science</i> , 2003, 86, 2343-2351.	1.4	34
18	Effect of retinoids and growth factor on in vitro bovine embryos produced under chemically defined conditions. <i>Animal Reproduction Science</i> , 2006, 95, 184-192.	0.5	33

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19	Astaxanthin counteracts the effects of heat shock on the maturation of bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1169.	0.1	29
20	Thermoprotective effect of insulin-like growth factor 1 on in vitro matured bovine oocyte exposed to heat shock. <i>Theriogenology</i> , 2016, 86, 2028-2039.	0.9	26
21	Cellular and epigenetic changes induced by heat stress in bovine preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2018, 85, 810-820.	1.0	26
22	Autophagy is a pro-survival adaptive response to heat shock in bovine cumulus-oocyte complexes. <i>Scientific Reports</i> , 2020, 10, 13711.	1.6	23
23	Serum Starvation and Full Confluency for Cell Cycle Synchronization of Domestic Cat ( <i>Felis tigris</i> ) Oocytes. <i>Theriogenology</i> , 2010, 74, 563-568.	0.6	21
24	Exogenous DNA uptake by bovine spermatozoa does not induce DNA fragmentation. <i>Theriogenology</i> , 2010, 74, 563-568.	0.9	21
25	Gene expression profile in heat-shocked Holstein and Nelore oocytes and cumulus cells. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1787.	0.1	20
26	The Presence of Interleukin-1beta in the Bovine Reproductive Tract. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 279-285.	0.5	19
27	Follicular dynamics in Anglo-Nubian goats using transrectal and transvaginal ultrasound. <i>Small Ruminant Research</i> , 2007, 72, 51-56.	0.6	17
28	Effects of different cryopreservation methods on post-thaw culture conditions of in vitro produced bovine embryos. <i>Zygote</i> , 2012, 20, 117-122.	0.5	12
29	Role of insulin-like growth factor 1 on cross-bred <i>Bos indicus</i> cattle germinal vesicle oocytes exposed to heat shock. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1405.	0.1	12
30	Short Communication: Seasonal Effects on Development of Bovine Embryos Produced by In Vitro Fertilization in a Hot Environment. <i>Journal of Dairy Science</i> , 2000, 83, 305-307.	1.4	11
31	Early fetal sexing of Saanen goats by use of transrectal ultrasonography to identify the genital tubercle and external genitalia. <i>American Journal of Veterinary Research</i> , 2007, 68, 561-564.	0.3	11
32	Time-dependent effects of heat shock on the zona pellucida ultrastructure and in vitro developmental competence of bovine oocytes. <i>Reproductive Biology</i> , 2019, 19, 195-203.	0.9	11
33	Thermoprotective molecules to improve oocyte competence under elevated temperature. <i>Theriogenology</i> , 2020, 156, 262-271.	0.9	10
34	Treatment of in vitro-Matured Bovine Oocytes With Tauroursodeoxycholic Acid Modulates the Oxidative Stress Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 623852.	1.8	9
35	Oestrogen and Progesterone Receptor Gene Expression in Canine Oocytes and Cumulus Cells Throughout the Oestrous Cycle. <i>Reproduction in Domestic Animals</i> , 2009, 44, 239-242.	0.6	8
36	Effects of Retinoids on the In Vitro Development of <i>Capra hircus</i> Embryos to Blastocysts in Two Different Culture Systems. <i>Reproduction in Domestic Animals</i> , 2009, 45, e68-72.	0.6	7

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37	Dissecting EPPIN protease inhibitor domains in sperm motility and fertilizing ability: repercussions for male contraceptive development. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	7
38	Sperm-mediated gene transfer: effect on bovine <i>in vitro</i> embryo production. <i>Zygote</i> , 2013, 21, 325-329.	0.5	6
39	Use of retinyl acetate, retinoic acid and insulin-like growth factor-I (IGF-I) to enhance goat embryo production. <i>Acta Veterinaria Hungarica</i> , 2013, 61, 116-124.	0.2	6
40	Effects of bovine somatotropin and timed embryo transfer on pregnancy rates in non-lactating cattle. <i>Veterinary Record</i> , 2005, 156, 175-176.	0.2	5
41	The Mechanism of Oocyte Activation Influences the Cell Cycle-Related Genes Expression During Bovine Preimplantation Development. <i>Cellular Reprogramming</i> , 2012, 14, 418-424.	0.5	5
42	Contextualizing Autophagy during Gametogenesis and Preimplantation Embryonic Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6313.	1.8	5
43	Applicability of Raman spectroscopy on porcine parvovirus and porcine circovirus type 2 detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119336.	2.0	3
44	The Role of Insulin-Like Growth Factor-I on Developmental Competence of Bovine Oocytes Exposed to Heat Shock.. <i>Biology of Reproduction</i> , 2011, 85, 330-330.	1.2	1