

Anthony C Castilho

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Expression and Function of Fibroblast Growth Factor 10 and Its Receptor, Fibroblast Growth Factor Receptor 2B, in Bovine Follicles. <i>Biology of Reproduction</i> , 2007, 77, 743-750.	1.2	92
2	Effects of heat stress on development, quality and survival of <i>Bos indicus</i> and <i>Bos taurus</i> embryos produced <i>in vitro</i> . <i>Theriogenology</i> , 2013, 79, 351-357.	0.9	75
3	Expression of LH receptor mRNA splice variants in bovine granulosa cells: changes with follicle size and regulation by FSH <i>in vitro</i> . <i>Molecular Reproduction and Development</i> , 2007, 74, 680-686.	1.0	50
4	Experimental evidence of heparanase, Hsp70 and NF- κ B gene expression on the response of anti-inflammatory drugs in TNBS-induced colonic inflammation. <i>Life Sciences</i> , 2015, 141, 179-187.	2.0	31
5	Ovarian superstimulation using FSH combined with equine chorionic gonadotropin (eCG) upregulates mRNA-encoding proteins involved with LH receptor intracellular signaling in granulosa cells from Nelore cows. <i>Theriogenology</i> , 2014, 82, 1199-1205.	0.9	28
6	Effects of temporary calf removal and eCG on pregnancy rates to timed-insemination in progesterone-treated postpartum Nelore cows. <i>Theriogenology</i> , 2009, 71, 519-524.	0.9	24
7	Ovulation rate and its relationship with follicle diameter and gene expression of the LH receptor (LHR) in Nelore cows. <i>Theriogenology</i> , 2012, 77, 139-147.	0.9	24
8	Effect of superstimulatory treatments on the expression of genes related to ovulatory capacity, oocyte competence and embryo development in cattle. <i>Reproduction, Fertility and Development</i> , 2013, 25, 17.	0.1	24
9	Differential expression of members of the IGF system in OPU-derived oocytes from Nelore (<i>Bos indicus</i>) and Holstein (<i>Bos taurus</i>) cows. <i>Animal Reproduction Science</i> , 2013, 138, 155-158.	0.5	21
10	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
11	Extracellular vesicles of follicular fluid from heat-stressed cows modify the gene expression of <i>in vitro</i> -matured oocytes. <i>Animal Reproduction Science</i> , 2019, 205, 94-104.	0.5	18
12	Maternal protein restriction during pregnancy affects gene expression and immunolocalization of intestinal nutrient transporters in rats. <i>Clinical Science</i> , 2013, 125, 281-289.	1.8	16
13	Effect of superstimulation on the expression of microRNAs and genes involved in steroidogenesis and ovulation in Nelore cows. <i>Theriogenology</i> , 2018, 110, 192-200.	0.9	16
14	Treatment with cyclic adenosine monophosphate modulators prior to <i>in vitro</i> maturation alters the lipid composition and transcript profile of bovine cumulus-oocyte complexes and blastocysts. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1314.	0.1	16
15	Expression of fibroblast growth factor 10 and cognate receptors in the developing bovine ovary. <i>Theriogenology</i> , 2014, 81, 1268-1274.	0.9	15
16	Effects of FGF10 on Bovine Oocyte Meiosis Progression, Apoptosis, Embryo Development and Relative Abundance of Developmentally Important Genes <i>In Vitro</i> . <i>Reproduction in Domestic Animals</i> , 2015, 50, 84-90.	0.6	15
17	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017, 94, 64-70.	0.9	14
18	Are Serum Ferritin Levels a Reliable Cancer Biomarker? A Systematic Review and Meta-Analysis. <i>Nutrition and Cancer</i> , 2022, 74, 1917-1926.	0.9	14

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19	Expression of fibroblast growth factor receptors during development and regression of the bovine corpus luteum. <i>Reproduction, Fertility and Development</i> , 2008, 20, 659.	0.1	13
20	Messenger ribonucleic acid abundance of intestinal enzymes and transporters in feed-restricted and re-fed chickens at different ages. <i>Poultry Science</i> , 2011, 90, 863-868.	1.5	12
21	Differential Expression of IGF Family Members in Heat-Stressed Embryos Produced In Vitro from OPU-Derived Oocytes of Nelore (<i>Bos indicus</i>) and Holstein (<i>Bos taurus</i>) Cows. <i>Reproduction in Domestic Animals</i> , 2013, 48, 1043-1048.	0.6	12
22	Maternal protein restriction affects gene expression and enzyme activity of intestinal disaccharidases in adult rat offspring. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 287-292.	0.7	12
23	Expression of fibroblast growth factor 10 and its receptor, fibroblast growth factor receptor 2B, in the bovine corpus luteum. <i>Molecular Reproduction and Development</i> , 2008, 75, 940-945.	1.0	11
24	Contraction of Rat Cauda Epididymis Smooth Muscle to β -Adrenoceptor Activation Is Mediated by α -Adrenoceptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 21-28.	1.3	11
25	Prostaglandin receptors (EP2 and EP4) and angiotensin receptor (AGTR2) mRNA expression increases in the oviducts of Nelore cows submitted to ovarian superstimulation. <i>Animal Reproduction Science</i> , 2014, 151, 112-118.	0.5	9
26	Experimental evidence of MAP kinase gene expression on the response of intestinal anti-inflammatory drugs. <i>Life Sciences</i> , 2015, 136, 60-66.	2.0	9
27	Evidence that fibroblast growth factor 10 plays a role in follicle selection in cattle. <i>Reproduction, Fertility and Development</i> , 2017, 29, 234.	0.1	9
28	Differential fractal dimension is associated with extracellular matrix remodeling in developing bovine corpus luteum. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 888-893.	1.0	9
29	Bona fide gene expression analysis of samples from the bovine reproductive system by microfluidic platform. <i>Analytical Biochemistry</i> , 2020, 596, 113641.	1.1	9
30	β -1-Adrenoceptors in proximal segments of tail arteries from control and reserpinised rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 376, 117-126.	1.4	8
31	Can the antral follicular count modulate the gene expression of bovine oviducts in Aberdeen Angus and Nelore heifers?. <i>PLoS ONE</i> , 2018, 13, e0202017.	1.1	8
32	Equine chorionic gonadotropin drives the transcriptional profile of immature cumulus-oocyte complexes and in vitro-produced blastocysts of superstimulated Nelore cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1639-1651.	1.0	7
33	Fibroblast growth factor 18 regulates steroidogenesis in fetal bovine ovarian tissue in vitro. <i>Molecular Reproduction and Development</i> , 2019, 86, 166-174.	1.0	7
34	Fractal analysis and histomolecular phenotyping provides insights into extracellular matrix remodeling in the developing bovine fetal ovary. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 823-828.	1.0	7
35	Differential expression of insulin-like growth factor family members in immature cumulus-oocyte complexes from dairy cows with different genotypes. <i>Reproduction in Domestic Animals</i> , 2017, 52, 1067-1073.	0.6	6
36	Expression of mRNA Encoding the LH Receptor (LHR) and LHR Binding Protein in Granulosa Cells from Nelore (<i>Bos taurus</i>) Tj ETQq0 0 0 rg BT/Overlook 10 Tf 50		

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37	Use of pregnancy-associated plasma protein-A during oocyte in vitro maturation increases IGF-1 and affects the transcriptional profile of cumulus cells and embryos from Nelore cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1694-1704.	1.0	5
38	Expression of fibroblast growth factor 22 (FGF22) and its receptor, FGFR1B, during development and regression of bovine corpus luteum. <i>Theriogenology</i> , 2019, 125, 1-5.	0.9	5
39	Localization of angiotensin receptor type 2 in fetal bovine ovaries. <i>Animal Reproduction Science</i> , 2016, 168, 34-39.	0.5	3
40	Equine chorionic gonadotropin increases estradiol levels in the bovine oviduct and drives the transcription of genes related to fertilization in superstimulated cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 1582-1591.	1.0	3
41	Progesterone dose during synchronization treatment alters luteinizing hormone receptor and steroidogenic enzyme mRNA abundances in granulosa cells of Nelore heifers. <i>Animal Reproduction Science</i> , 2021, 225, 106681.	0.5	3
42	Expression of bta-miR-222 and LHCGR in bovine cultured granulosa cells: Impact of follicle deviation and regulation by FSH/insulin in vitro. <i>Theriogenology</i> , 2022, 182, 71-77.	0.9	3
43	Partial luteolysis during early diestrus in cattle downregulates VEGFA expression and reduces large luteal cell and corpus luteum sizes and plasma progesterone concentration. <i>Theriogenology</i> , 2020, 158, 188-195.	0.9	2
44	Improvement in early antral follicle development and gene expression modulation prior to follicle aspiration in bovine cumulus-oocyte complexes by equine chorionic gonadotropin. <i>Theriogenology</i> , 2021, 172, 281-288.	0.9	2
45	Viability of <i>Candida albicans</i> in different fomites and hospital surfaces under disinfectants and biological fluids influence. <i>Research, Society and Development</i> , 2021, 10, e38010515049.	0.0	1
46	225 FOLLICULAR DIAMETER, OVULATION RATE, AND LH RECEPTOR GENE EXPRESSION IN NELLORE COWS. <i>Reproduction, Fertility and Development</i> , 2010, 22, 270.	0.1	1
47	175 THE EFFECT OF NUTRITION ON OVARIAN FOLLICLE POPULATION AND PLASMA ANTI-MULLERIAN HORMONE CONCENTRATION IN ABERDEEN ANGUS HEIFERS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 236.	0.1	1
48	FIBROBLAST GROWTH FACTOR 13 GENE EXPRESSION IN THE BOVINE OVARY. <i>Biology of Reproduction</i> , 2007, 77, 96-96.	1.2	1
49	Supplementation with L-Arginine Decreases Jejunal Lesions and Micronucleus Formation Induced by 5-Fluorouracil in Rats. <i>Nutrition and Cancer</i> , 2020, , 1-6.	0.9	0
50	Regulation of Fibroblast Growth Factor 22 and Fibroblast Growth Factor Receptor 1b in Bovine Antral Follicles. <i>Biology of Reproduction</i> , 2009, 81, 556-556.	1.2	0
51	249 PROFILE OF MEMBERS OF IGF SYSTEM GENE EXPRESSION IN BOVINE IMMATURE OOCYTES: COMPARISON BETWEEN NELLORE (BOS INDICUS) AND HOLSTEIN (BOS TAURUS). <i>Reproduction, Fertility and Development</i> , 2010, 22, 282.	0.1	0
52	212 EXPRESSION OF FIBROBLAST GROWTH FACTOR 18 (FGF18) AND COGNATE RECEPTORS (FGFR3C AND) <i>Tj ETQq0 0 0 rgBT /Overlo</i> Development, 2010, 22, 264.	0.1	0
53	210 EXPRESSION OF mRNA ENCODING STEROIDOGENIC ENZYMES IN THE DEVELOPING BOVINE OVARY. <i>Reproduction, Fertility and Development</i> , 2010, 22, 263.	0.1	0
54	180 HEAT STRESS INDUCES ALTERATION IN EXPRESSION OF GENES RELATED TO COMPETENCE AND IMPLANTATION IN NELLORE BOVINE IN VITRO-PRODUCED EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2011, 23, 191.	0.1	0

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55	249 EXPRESSION OF mRNA ENCODING EPIDERMAL GROWTH FACTOR-LIKE FACTORS IN BOVINE CUMULUS CELLS DURING IN VITRO MATURATION: EFFECTS OF TIME AND FOLLICLE-STIMULATING HORMONE. <i>Reproduction, Fertility and Development</i> , 2011, 23, 222.	0.1	0
56	175 EFFECT OF HEAT STRESS ON GENE EXPRESSION OF IN VITRO-PRODUCED BOVINE EMBRYOS (<i>BOS TAURUS</i>) Tj ETQq0 0 0 rgBT /Ov	0.1	0
57	214 EFFECT OF OVARIAN SUPERSTIMULATION ON EXPRESSION OF GENES ASSOCIATED WITH THE OOCYTE DEVELOPMENTAL COMPETENCE OF NELORE COWS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 255.	0.1	0
58	198 PROGESTERONE, ESTROGEN (ER- α AND ER- β), AND OXYTOCIN RECEPTOR GENE EXPRESSION IN CANINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 248.	0.1	0