

Anthony C Castilho

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

517
citations

12
h-index

20
g-index

59
ext. papers

618
ext. citations

2.4
avg, IF

3.32
L-index

#	Paper	IF	Citations
46	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, 743-50	3.9	74
45	Effects of heat stress on development, quality and survival of <i>Bos indicus</i> and <i>Bos taurus</i> embryos produced in vitro. <i>Theriogenology</i> , 2013 , 79, 351-7	2.8	58
44	Expression of LH receptor mRNA splice variants in bovine granulosa cells: changes with follicle size and regulation by FSH in vitro. <i>Molecular Reproduction and Development</i> , 2007 , 74, 680-6	2.6	45
43	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, 179-87	6.8	23
42	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> , 2012 , 25, 17-25	1.8	20
41	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, 155-8	2.1	19
40	Ovulation rate and its relationship with follicle diameter and gene expression of the LH receptor (LHR) in Nelore cows. <i>Theriogenology</i> , 2012 , 77, 139-47	2.8	18
39	Effects of temporary calf removal and eCG on pregnancy rates to timed-insemination in progesterone-treated postpartum Nelore cows. <i>Theriogenology</i> , 2009 , 71, 519-24	2.8	18
38	Gene expression profile in heat-shocked Holstein and Nelore oocytes and cumulus cells. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1787-1802	1.8	15
37	Extracellular vesicles of follicular fluid from heat-stressed cows modify the gene expression of in vitro-matured oocytes. <i>Animal Reproduction Science</i> , 2019 , 205, 94-104	2.1	14
36	Maternal protein restriction during pregnancy affects gene expression and immunolocalization of intestinal nutrient transporters in rats. <i>Clinical Science</i> , 2013 , 125, 281-9	6.5	14
35	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	2.8	12
34	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, 1199-205	2.8	12
33	Expression of fibroblast growth factor receptors during development and regression of the bovine corpus luteum. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 659-64	1.8	12
32	Effects of FGF10 on bovine oocyte meiosis progression, apoptosis, embryo development and relative abundance of developmentally important genes in vitro. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 84-90	1.6	11
31	Expression of fibroblast growth factor 10 and cognate receptors in the developing bovine ovary. <i>Theriogenology</i> , 2014 , 81, 1268-74	2.8	11
30	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, 287-328	2.8	10

29	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, 940-5	2.6	10
28	Treatment with cyclic adenosine monophosphate modulators prior to in vitro maturation alters the lipid composition and transcript profile of bovine cumulus-oocyte complexes and blastocysts. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 1314-1328	1.8	10
27	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017 , 94, 64-70	2.8	9
26	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, 1043-8	1.6	9
25	Contraction of Rat Cauda Epididymis Smooth Muscle to α -Adrenoceptor Activation Is Mediated by α -Adrenoceptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 366, 21-28	4.7	8
24	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, 112-8	2.1	8
23	Messenger ribonucleic acid abundance of intestinal enzymes and transporters in feed-restricted and refeed chickens at different ages. <i>Poultry Science</i> , 2011 , 90, 863-8	3.9	8
22	Experimental evidence of MAP kinase gene expression on the response of intestinal anti-inflammatory drugs. <i>Life Sciences</i> , 2015 , 136, 60-6	6.8	7
21	Bona fide gene expression analysis of samples from the bovine reproductive system by microfluidic platform. <i>Analytical Biochemistry</i> , 2020 , 596, 113641	3.1	7
20	α 1-Adrenoceptors in proximal segments of tail arteries from control and reserpinised rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007 , 376, 117-26	3.4	7
19	Evidence that fibroblast growth factor 10 plays a role in follicle selection in cattle. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 234-243	1.8	5
18	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	3.4	5
17	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	1.6	5
16	Fibroblast growth factor 18 regulates steroidogenesis in fetal bovine ovarian tissue in vitro. <i>Molecular Reproduction and Development</i> , 2019 , 86, 166-174	2.6	5
15	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	3.7	5
14	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	3.4	3
13	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	2.6	3
12	Expression of mRNA Encoding the LH Receptor (LHR) and LHR Binding Protein in Granulosa Cells from Nelore (<i>Bos indicus</i>) Heifers Around Follicle Deviation. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 952-7	1.6	3

11	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	2.8	3
10	Localization of angiotensin receptor type 2 in fetal bovine ovaries. <i>Animal Reproduction Science</i> , 2016 , 168, 34-39	2.1	2
9	Are Serum Ferritin Levels a Reliable Cancer Biomarker? A Systematic Review and Meta-Analysis. <i>Nutrition and Cancer</i> , 2021 , 1-10	2.8	2
8	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	2.6	1
7	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	2.6	1
6	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	2.8	1
5	Progesterone dose during synchronization treatment alters luteinizing hormone receptor and steroidogenic enzyme mRNA abundances in granulosa cells of Nellore heifers. <i>Animal Reproduction Science</i> , 2021 , 225, 106681	2.1	1
4	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	2.8	0
3	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	2.8	
2	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	3.9	
1	Supplementation with L-Arginine Decreases Jejunal Lesions and Micronucleus Formation Induced by 5-Fluorouracil in Rats. <i>Nutrition and Cancer</i> , 2020 , 1-6	2.8	