

Buratini J Jr

List of Publications by Year in descending order

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53
papers

1,088
citations

430754

18
h-index

434063

31
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54
all docs

54
docs citations

54
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and Function of Fibroblast Growth Factor 10 and Its Receptor, Fibroblast Growth Factor Receptor 2B, in Bovine Follicles ¹ . <i>Biology of Reproduction</i> , 2007, 77, 743-750.	1.2	92
2	Expression of fibroblast growth factor-8 and regulation of cognate receptors, fibroblast growth factor receptor-3c and -4, in bovine antral follicles. <i>Reproduction</i> , 2005, 130, 343-350.	1.1	89
3	Bone morphogenetic protein 15 and fibroblast growth factor 10 enhance cumulus expansion, glucose uptake, and expression of genes in the ovulatory cascade during in vitro maturation of bovine cumulus-oocyte complexes. <i>Reproduction</i> , 2013, 146, 27-35.	1.1	78
4	Expression and Function of Fibroblast Growth Factor 18 in the Ovarian Follicle in Cattle ¹ . <i>Biology of Reproduction</i> , 2010, 83, 339-346.	1.2	54
5	The fibroblast growth factor family: involvement in the regulation of folliculogenesis. <i>Reproduction, Fertility and Development</i> , 2012, 24, 905.	0.1	49
6	Regulation and action of fibroblast growth factor 17 in bovine follicles. <i>Journal of Endocrinology</i> , 2009, 202, 347-353.	1.2	47
7	Fibroblast growth factor 17 and bone morphogenetic protein 15 enhance cumulus expansion and improve quality of in vitro produced embryos in cattle. <i>Theriogenology</i> , 2015, 84, 390-398.	0.9	47
8	Effects of dominant follicle aspiration and treatment with recombinant bovine somatotropin (BST) on ovarian follicular development in Nelore (<i>Bos indicus</i>) heifers. <i>Theriogenology</i> , 2000, 54, 421-431.	0.9	43
9	Effects of FSH on the expression of receptors for oocyte-secreted factors and members of the EGF-like family during in vitro maturation in cattle. <i>Reproduction, Fertility and Development</i> , 2013, 25, 890.	0.1	39
10	Maternal body mass index affects embryo morphokinetics: a time-lapse study. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 1109-1116.	1.2	39
11	Cryotolerance and global gene-expression patterns of <i>Bos taurus indicus</i> and <i>Bos taurus taurus</i> in vitro- and in vivo-produced blastocysts. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1129.	0.1	35
12	Fibroblast growth factor-2 regulation of sprouty and NR4A genes in bovine ovarian granulosa cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1820-1827.	2.0	34
13	FGF10 inhibits dominant follicle growth and estradiol secretion in vivo in cattle. <i>Reproduction</i> , 2012, 143, 815-823.	1.1	30
14	Expression of receptors for BMP15 is differentially regulated in dominant and subordinate follicles during follicle deviation in cattle. <i>Animal Reproduction Science</i> , 2014, 144, 72-78.	0.5	29
15	Steroid hormones interact with natriuretic peptide C to delay nuclear maturation, to maintain oocyte-cumulus communication and to improve the quality of in vitro-produced embryos in cattle. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2217.	0.1	25
16	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
17	Follicle development and selection: past, present and future. <i>Animal Reproduction</i> , 2016, 13, 234-249.	0.4	21
18	Fibroblast growth factor 2 regulates cumulus differentiation under the control of the oocyte. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 905-913.	1.2	19

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19	The putative roles of FSH and AMH in the regulation of oocyte developmental competence: from fertility prognosis to mechanisms underlying age-related subfertility. <i>Human Reproduction Update</i> , 2022, 28, 232-254.	5.2	19
20	Immunohistochemical Detection of Receptors for Oestrogen and Progesterone in Endometrial Glands and Stroma during the Oestrous Cycle in Nelore (<i>Bos taurus indicus</i>) Cows. <i>Reproduction in Domestic Animals</i> , 2008, 43, 415-421.	0.6	16
21	Fibroblast growth factor-10 maintains the survival and promotes the growth of cultured goat preantral follicles. <i>Domestic Animal Endocrinology</i> , 2010, 39, 249-258.	0.8	16
22	Differential Distribution of Functional α_1 -Adrenergic Receptor Subtypes along the Rat Tail Artery. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 753-761.	1.3	15
23	Expression of fibroblast growth factor 10 and cognate receptors in the developing bovine ovary. <i>Theriogenology</i> , 2014, 81, 1268-1274.	0.9	15
24	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
25	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
26	Single nucleotide polymorphisms in the bovine genome are associated with the number of oocytes collected during ovum pick up. <i>Animal Reproduction Science</i> , 2012, 134, 141-149.	0.5	13
27	Messenger ribonucleic acid abundance of intestinal enzymes and transporters in feed-restricted and refed chickens at different ages. <i>Poultry Science</i> , 2011, 90, 863-868.	1.5	12
28	Faster fertilization and cleavage kinetics reflect competence to achieve a live birth after intracytoplasmic sperm injection, but this association fades with maternal age. <i>Fertility and Sterility</i> , 2021, 115, 665-672.	0.5	12
29	Vascular endothelial growth factor A (VEGFA) modulates bovine placenta steroidogenesis <i>in vitro</i> . <i>Placenta</i> , 2012, 33, 788-794.	0.7	11
30	Effect of kit ligand on natriuretic peptide precursor C and oocyte maturation in cattle. <i>Reproduction</i> , 2016, 152, 481-489.	1.1	11
31	The first report of pregnancies following blastocyst automated vitrification in Europe. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2019, 48, 537-540.	0.6	11
32	Maternal age affects the relationship of basal FSH and anti-Müllerian hormone concentrations with post-ICSI/IVF live birth. <i>Reproductive BioMedicine Online</i> , 2021, 42, 748-756.	1.1	11
33	Early embryo morphokinetics is a better predictor of post-ICSI live birth than embryo morphology: speed is more important than beauty at the cleavage stage. <i>Zygote</i> , 2021, 29, 495-502.	0.5	11
34	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
35	Characterization and control of oocyte large-scale chromatin configuration in different cattle breeds. <i>Theriogenology</i> , 2020, 141, 146-152.	0.9	9
36	α_1 -Adrenoceptors in proximal segments of tail arteries from control and reserpinised rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 376, 117-126.	1.4	8

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37	Synchronization of germinal vesicle maturity improves efficacy of in vitro embryo production in Holstein cows. <i>Theriogenology</i> , 2020, 154, 53-58.	0.9	8
38	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
39	Physiological parameters related to oocyte nuclear differentiation for the improvement of IVM/IVF outcomes in women and cattle. <i>Reproduction, Fertility and Development</i> , 2021, 34, 27-35.	0.1	7
40	Cryopreservation of equine embryos with glycerol plus sucrose and glycerol plus 1,2-propanediol. <i>Equine Veterinary Journal</i> , 1997, 29, 88-93.	0.9	6
41	Recreating the Follicular Environment: A Customized Approach for In Vitro Culture of Bovine Oocytes Based on the Origin and Differentiation State. <i>Methods in Molecular Biology</i> , 2021, 2273, 1-15.	0.4	6
42	Follicular dynamics in Mangalarga mares. <i>Equine Veterinary Journal</i> , 1997, 29, 7-11.	0.9	5
43	Expression of mRNA Encoding the LH Receptor (LHR) and LHR Binding Protein in Granulosa Cells from Nellore (Bos Taurus) Breeds. <i>Overlook</i>	0.784314	5
44	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
45	Sperm donation: an alternative to improve post-ICSI live birth rates in advanced maternal age patients. <i>Human Reproduction</i> , 2021, 36, 2148-2156.	0.4	5
46	Bone morphogenetic protein 15 supplementation enhances cumulus expansion, nuclear maturation and progesterone production of in vitro-matured bovine cumulus-oocyte complexes. <i>Reproduction in Domestic Animals</i> , 2021, 56, 754-763.	0.6	4
47	Localization of angiotensin receptor type 2 in fetal bovine ovaries. <i>Animal Reproduction Science</i> , 2016, 168, 34-39.	0.5	3
48	OOCYTE SECRETED FACTORS REGULATE AND mRNA LEVELS IN CUMULUS CELLS. <i>Fertility and Sterility</i> , 2020, 114, e440.	0.5	2
49	Follicular environment and oocyte maturation: roles of local peptides and steroids. <i>Animal Reproduction</i> , 2017, 14, 601-606.	0.4	2
50	Effect of dominant follicle aspiration and treatment with recombinant bovine somatotropin on follicular dynamics in nelore heifers. <i>Theriogenology</i> , 1999, 51, 402.	0.9	1
51	Exploring the pros and cons of new approaches for gamete cross-border donation based on fresh and vitrified oocytes. <i>Facts, Views & Vision in ObGyn</i> , 2020, 12, 111-118.	0.5	1
52	Unlocking the mysteries of the cumulus-oocyte complex—a critical cellular partnership for developmental competence. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 411-412.	1.2	0
53	OOCYTE SECRETED FACTORS REGULATE THE EXPRESSION OF INDUCERS OF THE OVULATORY CASCADE IN CUMULUS CELLS. <i>Fertility and Sterility</i> , 2021, 116, e109.	0.5	0