

Felipe Perecin

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,676
citations

236612

25
h-index

344852

36
g-index

80
all docs

80
docs citations

80
times ranked

1928
citing authors

#	ARTICLE	IF	CITATIONS
1	Single embryo and oocyte lipid fingerprinting by mass spectrometry. <i>Journal of Lipid Research</i> , 2010, 51, 1218-1227.	2.0	109
2	Supplementation with small-extracellular vesicles from ovarian follicular fluid during in vitro production modulates bovine embryo development. <i>PLoS ONE</i> , 2017, 12, e0179451.	1.1	80
3	Unearthing the Roles of Imprinted Genes in the Placenta. <i>Placenta</i> , 2009, 30, 823-834.	0.7	76
4	Developmental and Epigenetic Anomalies in Cloned Cattle. <i>Reproduction in Domestic Animals</i> , 2012, 47, 107-114.	0.6	63
5	Fatty Acid Binding Protein 3 And Transzonal Projections Are Involved In Lipid Accumulation During In Vitro Maturation Of Bovine Oocytes. <i>Scientific Reports</i> , 2017, 7, 2645.	1.6	62
6	The role of the PI3K-Akt signaling pathway in the developmental competence of bovine oocytes. <i>PLoS ONE</i> , 2017, 12, e0185045.	1.1	57
7	Modulation of Maternal Immune System During Pregnancy in the Cow. <i>Reproduction in Domestic Animals</i> , 2012, 47, 384-393.	0.6	53
8	Extracellular Vesicles Mediated Early Embryoâ€“Maternal Interactions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1163.	1.8	51
9	Delivery of cloned offspring: experience in Zebu cattle (<i>Bos indicus</i>). <i>Reproduction, Fertility and Development</i> , 2010, 22, 88.	0.1	44
10	Pronounced Segregation of Donor Mitochondria Introduced by Bovine Ooplasmic Transfer to the Female Germ-Line ¹ . <i>Biology of Reproduction</i> , 2010, 82, 563-571.	1.2	43
11	Loss of Methylation at H19 DMD Is Associated with Biallelic Expression and Reduced Development in Cattle Derived by Somatic Cell Nuclear Transfer ¹ . <i>Biology of Reproduction</i> , 2011, 84, 947-956.	1.2	41
12	Treatment of Nuclear-Donor Cells or Cloned Zygotes with Chromatin-Modifying Agents Increases Histone Acetylation But Does Not Improve Full-Term Development of Cloned Cattle. <i>Cellular Reprogramming</i> , 2012, 14, 235-247.	0.5	41
13	Estrous cycle impacts microRNA content in extracellular vesicles that modulate bovine cumulus cell transcripts during in vitro maturation ¹ . <i>Biology of Reproduction</i> , 2020, 102, 362-375.	1.2	41
14	Sperm-borne miR-216b modulates cell proliferation during early embryo development via K-RAS. <i>Scientific Reports</i> , 2019, 9, 10358.	1.6	38
15	Involvement of miRNAs and Cell-Secreted Vesicles in Mammalian Ovarian Antral Follicle Development. <i>Reproductive Sciences</i> , 2015, 22, 1474-1483.	1.1	36
16	Development to Term of Cloned Cattle Derived from Donor Cells Treated with Valproic Acid. <i>PLoS ONE</i> , 2014, 9, e101022.	1.1	34
17	Cellular and extracellular vesicular origins of miRNAs within the bovine ovarian follicle. <i>Reproduction in Domestic Animals</i> , 2017, 52, 1036-1045.	0.6	33
18	Ooplast-mediated developmental rescue of bovine oocytes exposed to ethidium bromide. <i>Reproductive BioMedicine Online</i> , 2011, 22, 172-183.	1.1	32

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19	Reproductive Stem Cell Differentiation: Extracellular Matrix, Tissue Microenvironment, and Growth Factors Direct the Mesenchymal Stem Cell Lineage Commitment. <i>Reproductive Sciences</i> , 2013, 20, 1137-1143.	1.1	31
20	Low levels of exosomal-miRNAs in maternal blood are associated with early pregnancy loss in cloned cattle. <i>Scientific Reports</i> , 2017, 7, 14319.	1.6	30
21	Isolation and characterization of mesenchymal stem cells from the yolk sacs of bovine embryos. <i>Theriogenology</i> , 2015, 84, 887-898.	0.9	29
22	In vitro maturation impacts cumulus oocyte complex metabolism and stress in cattle. <i>Reproduction</i> , 2017, 154, 881-893.	1.1	27
23	Parthenogenetic activation of bovine oocytes using single and combined strontium, ionomycin and 6-dimethylaminopurine treatments. <i>Zygote</i> , 2007, 15, 295-306.	0.5	26
24	Serum-Starved Apoptotic Fibroblasts Reduce Blastocyst Production but Enable Development to Term after SCNT in Cattle. <i>Cloning and Stem Cells</i> , 2009, 11, 565-573.	2.6	26
25	Antioxidant responses and deregulation of epigenetic writers and erasers link oxidative stress and DNA methylation in bovine blastocysts. <i>Molecular Reproduction and Development</i> , 2017, 84, 1296-1305.	1.0	26
26	Changes in miRNA levels of sperm and small extracellular vesicles of seminal plasma are associated with transient scrotal heat stress in bulls. <i>Theriogenology</i> , 2021, 161, 26-40.	0.9	26
27	Imprinted gene expression in in vivo- and in vitro-produced bovine embryos and chorio-allantoic membranes. <i>Genetics and Molecular Research</i> , 2009, 8, 76-85.	0.3	26
28	Viable Calves Produced by Somatic Cell Nuclear Transfer Using Meiotic-Blocked Oocytes. <i>Cellular Reprogramming</i> , 2011, 13, 419-429.	0.5	25
29	Development of bovine embryos derived from reproductive techniques. <i>Reproduction, Fertility and Development</i> , 2013, 25, 907.	0.1	23
30	The Kinetics of Donor Cell mtDNA in Embryonic and Somatic Donor Cell-Derived Bovine Embryos. <i>Cloning and Stem Cells</i> , 2007, 9, 618-629.	2.6	20
31	Metabolic gene expression and epigenetic effects of the ketone body β^2 -hydroxybutyrate on H3K9ac in bovine cells, oocytes and embryos. <i>Scientific Reports</i> , 2018, 8, 13766.	1.6	20
32	Ovarian follicular dynamics, progesterone concentrations, pregnancy rates and transcriptional patterns in <i>Bos indicus</i> females with a high or low antral follicle count. <i>Scientific Reports</i> , 2020, 10, 19557.	1.6	20
33	Contributions from the ovarian follicular environment to oocyte function. <i>Animal Reproduction</i> , 2018, 15, 261-270.	0.4	20
34	Intrafollicular barriers and cellular interactions during ovarian follicle development. <i>Animal Reproduction</i> , 2019, 16, 485-496.	0.4	20
35	Changes in Oviductal Cells and Small Extracellular Vesicles miRNAs in Pregnant Cows. <i>Frontiers in Veterinary Science</i> , 2021, 8, 639752.	0.9	19
36	Fetal-Maternal Interactions in the Synepitheliochorial Placenta Using the eGFP Cloned Cattle Model. <i>PLoS ONE</i> , 2013, 8, e64399.	1.1	18

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37	Mass spectrometry fingerprinting of media used for <i>in vitro</i> production of bovine embryos. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1313-1320.	0.7	17
38	Severity of prepregnancy diabetes on the fetal malformations and viability associated with early embryos in rats. <i>Biology of Reproduction</i> , 2020, 103, 938-950.	1.2	17
39	Dynamics of male canine germ cell development. <i>PLoS ONE</i> , 2018, 13, e0193026.	1.1	16
40	Generation and miRNA Characterization of Equine Induced Pluripotent Stem Cells Derived from Fetal and Adult Multipotent Tissues. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	16
41	Oxygen tension modulates extracellular vesicles and its miRNA contents in bovine embryo culture medium. <i>Molecular Reproduction and Development</i> , 2019, 86, 1067-1080.	1.0	16
42	Improved Production of Genetically Modified Fetuses with Homogeneous Transgene Expression After Transgene Integration Site Analysis and Recloning in Cattle. <i>Cellular Reprogramming</i> , 2011, 13, 29-36.	0.5	15
43	Demecolcine Effects on Microtubule Kinetics and on Chemically Assisted Enucleation of Bovine Oocytes. <i>Cloning and Stem Cells</i> , 2009, 11, 141-152.	2.6	14
44	Maternal transmission of mitochondrial diseases. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190095.	0.6	14
45	Isolation and Analysis of Exosomal MicroRNAs from Ovarian Follicular Fluid. <i>Methods in Molecular Biology</i> , 2018, 1733, 53-63.	0.4	12
46	Catalytic inhibition of H3K9me2 writers disturbs epigenetic marks during bovine nuclear reprogramming. <i>Scientific Reports</i> , 2020, 10, 11493.	1.6	12
47	Lipid profile of extracellular vesicles and their relationship with bovine oocyte developmental competence: New players in intra follicular cell communication. <i>Theriogenology</i> , 2021, 174, 1-8.	0.9	12
48	Gene expression in placentation of farm animals: An overview of gene function during development. <i>Theriogenology</i> , 2011, 76, 589-597.	0.9	11
49	Xenoplasmic Transfer between Buffalo and Bovine Enables Development of Homoplasmic Offspring. <i>Cellular Reprogramming</i> , 2010, 12, 231-236.	0.5	10
50	LC-MS/MS quantitation of plasma progesterone in cattle. <i>Theriogenology</i> , 2011, 76, 1266-1274.e2.	0.9	10
51	Characterization of putative haematopoietic cells from bovine yolk sac. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1132-1140.	1.3	10
52	Small extracellular vesicles derived from <i>in vivo</i> or <i>in vitro</i> produced bovine blastocysts have different miRNAs profiles—Implications for embryo-maternal recognition. <i>Molecular Reproduction and Development</i> , 2021, 88, 628-643.	1.0	10
53	Effects of long-term <i>in vitro</i> culturing of transgenic bovine donor fibroblasts on cell viability and <i>in vitro</i> developmental potential after nuclear transfer. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 250-259.	0.7	9
54	Mitochondrial DNA dynamics during <i>in vitro</i> culture and pluripotency induction of a bovine Rho0 cell line. <i>Genetics and Molecular Research</i> , 2015, 14, 14093-14104.	0.3	9

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55	Profiles of Steroid Hormones in Canine X-Linked Muscular Dystrophy via Stable Isotope Dilution LC-MS/MS. PLoS ONE, 2015, 10, e0126585.	1.1	8
56	Extracellular vesicles and its advances in female reproduction. Animal Reproduction, 2019, 16, 31-38.	0.4	8
57	Canine Fibroblasts Expressing Human Transcription Factors: What is in the Route for the Production of Canine Induced Pluripotent Stem Cells. Reproduction in Domestic Animals, 2012, 47, 84-87.	0.6	7
58	Cytoplasmatic inheritance, epigenetics and reprogramming DNA as tools in animal breeding. Livestock Science, 2014, 166, 199-205.	0.6	7
59	The effects of ovalbumin as a protein source during the in vitro production of bovine embryos. Revista Brasileira De Zootecnia, 2011, 40, 2135-2141.	0.3	6
60	Comparison of Synthetic Oviductal Fluid and G1/G2 Medium under Low Oxygen Atmosphere on Embryo Production and Pregnancy Rates in Nelore (Bos indicus) Cattle. Reproduction in Domestic Animals, 2013, 48, e7-9.	0.6	6
61	Efeitos da redu�o ou substitui�o do soro fetal bovino por outros compostos na matura�o in vitro de o�citos bovinos. Pesquisa Veterinaria Brasileira, 2014, 34, 689-694.	0.5	6
62	Plasma Steroid Dynamics in Late- and Near-term Naturally and Artificially Conceived Bovine Pregnancies as Elucidated by Multihormone High-resolution LC-MS/MS. Endocrinology, 2014, 155, 5011-5023.	1.4	5
63	Mice born to females with oocyte-specific deletion of mitofusin 2 have increased weight gain and impaired glucose homeostasis. Molecular Human Reproduction, 2020, 26, 938-952.	1.3	5
64	The use of resveratrol decreases liquid-extend boar semen fertility, even in concentrations that do not alter semen quality. Research in Veterinary Science, 2021, 136, 360-368.	0.9	5
65	Characterization of histone lysine �-hydroxybutyrylation in bovine tissues, cells, and cumulus-oocyte complexes. Molecular Reproduction and Development, 2022, 89, 375-398.	1.0	5
66	Reproductive seasonality influences oocyte retrieval and embryonic competence but not uterine receptivity in buffaloes. Theriogenology, 2021, 170, 77-84.	0.9	4
67	Challenges and perspectives to enhance cattle production via in vitro techniques: focus on epigenetics and cell-secreted vesicles. Ciencia Rural, 2015, 45, 1879-1886.	0.3	2
68	Existem diferen�as nos par�metros hematol�gicos e bioqu�micos s�ricos entre f�meas normais e portadoras do modelo experimental GRMD (Golden Retriever Muscular Dystrophy)?. Pesquisa Veterinaria Brasileira, 2011, 31, 94-98.	0.5	2
69	Extracellular vesicles and its advances in female reproduction. Animal Reproduction, 2020, 16, 31-38.	0.4	2
70	Karyoplast exchange between strontium- and 6-DMAP-parthenogenetically activated zygotes of cattle. Animal Reproduction Science, 2009, 116, 381-385.	0.5	0
71	Effects of Equine Chorionic Gonadotropin on Follicular, Luteal and Conceptus Development of Non-Lactating Bos Indicus Beef Cows Subjected to a Progesterone Plus Estradiol-Based Timed Artificial Insemination Protocol. Italian Journal of Animal Science, 2013, 12, e61.	0.8	0
72	DNA global epigenetic modifications in bovine cloned placentome. Placenta, 2014, 35, A38.	0.7	0

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73	53 EFFECTS OF DEMECOLCINE ON MICROTUBULE COMPOSITION AND CHEMICALLY ASSISTED ENUCLEATION OF BOVINE OOCYTES. <i>Reproduction, Fertility and Development</i> , 2008, 20, 107.	0.1	0
74	187 IMPRINTED GENE EXPRESSION IN IN VIVO-AND IN VITRO-PRODUCED BOVINE FETUSES AND PLACENTAS. <i>Reproduction, Fertility and Development</i> , 2008, 20, 173.	0.1	0
75	Bovine conceptus of <i>Bos indicus</i> produced by somatic cell nuclear transfer and parthenogenesis present morphological variations since the blastocyst stage. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2015, 67, 1483-1491.	0.1	0
76	412 Germ and somatic cell interactions during oocyte development and maturation. <i>Journal of Animal Science</i> , 2020, 98, 189-189.	0.2	0