Fabiana Fernandes Bressan

List of Publications by Year
in descending order

86 papers	1,211 citations	394421 19 h-index	454955 30 g-index
90 all docs	90 docs citations	90 times ranked	1722 citing authors

#	Article	IF	Citations
1	The use of animal models for stroke research: a review. Comparative Medicine, 2011, 61, 305-13.	1.0	78
2	Unearthing the Roles of Imprinted Genes in the Placenta. Placenta, 2009, 30, 823-834.	1.5	76
3	Embryo Mitochondrial DNA Depletion Is Reversed During Early Embryogenesis in Cattle1. Biology of Reproduction, 2010, 82, 76-85.	2.7	58
4	Manipulation of the periovulatory sex steroidal milieu affects endometrial but not luteal gene expression in early diestrus Nelore cows. Theriogenology, 2014, 81, 861-869.	2.1	50
5	Effects of melatonin during IVM in defined medium on oocyte meiosis, oxidative stress, and subsequent embryo development. Theriogenology, 2016, 86, 1685-1694.	2.1	48
6	Effects of bovine sperm cryopreservation using different freezing techniques and cryoprotective agents on plasma, acrosomal and mitochondrial membranes. Andrologia, 2012, 44, 154-159.	2.1	45
7	Induced pluripotent stem cells throughout the animal kingdom: Availability and applications. World Journal of Stem Cells, 2019, 11, 491-505.	2.8	44
8	Generation of bovine (Bos indicus) and buffalo (Bubalus bubalis) adipose tissue derived stem cells: isolation, characterization, and multipotentiality. Genetics and Molecular Research, 2015, 14, 53-62.	0.2	40
9	Applications of mesenchymal stem cell technology in bovine species. Stem Cell Research and Therapy, 2019, 10, 44.	5.5	38
10	Post-thaw addition of seminal plasma reduces tyrosine phosphorylation on the surface of cryopreserved equine sperm, but does not reduce lipid peroxidation. Theriogenology, 2012, 77, 1866-1872.e3.	2.1	35
11	Generation of LIF-independent induced pluripotent stem cells from canine fetal fibroblasts. Theriogenology, 2017, 92, 75-82.	2.1	34
12	Development to Term of Cloned Cattle Derived from Donor Cells Treated with Valproic Acid. PLoS ONE, 2014, 9, e101022.	2.5	34
13	Epigenetic consequences of artificial reproductive technologies to the bovine imprinted genes SNRPN, H19/IGF2, and IGF2R. Frontiers in Genetics, 2015, 6, 58.	2.3	31
14	Serum-Starved Apoptotic Fibroblasts Reduce Blastocyst Production but Enable Development to Term after SCNT in Cattle. Cloning and Stem Cells, 2009, 11, 565-573.	2.6	26
15	Actions and Roles of FSH in Germinative Cells. International Journal of Molecular Sciences, 2021, 22, 10110.	4.1	26
16	Viable Calves Produced by Somatic Cell Nuclear Transfer Using Meiotic-Blocked Oocytes. Cellular Reprogramming, 2011, 13, 419-429.	0.9	25
17	Cat amniotic membrane multipotent cells are nontumorigenic and are safe for use in cell transplantation. Stem Cells and Cloning: Advances and Applications, 2014, 7, 71.	2.3	25
18	Neurons-derived extracellular vesicles promote neural differentiation of ADSCs: a model to prevent peripheral nerve degeneration. Scientific Reports, 2019, 9, 11213.	3.3	24

#	Article	IF	Citations
19	The Influence of Morphology, Follicle Size and Bclâ€2 and Bax Transcripts on the Developmental Competence of Bovine Oocytes. Reproduction in Domestic Animals, 2014, 49, 576-583.	1.4	23
20	Parthenogenesis and Human Assisted Reproduction. Stem Cells International, 2016, 2016, 1-8.	2.5	23
21	Stem cells on regenerative and reproductive science in domestic animals. Veterinary Research Communications, 2019, 43, 7-16.	1.6	22
22	Generation of induced pluripotent stem cells from large domestic animals. Stem Cell Research and Therapy, 2020, 11, 247.	5.5	21
23	Fetal-Maternal Interactions in the Synepitheliochorial Placenta Using the eGFP Cloned Cattle Model. PLoS ONE, 2013, 8, e64399.	2.5	18
24	Dynamics of male canine germ cell development. PLoS ONE, 2018, 13, e0193026.	2.5	16
25	Generation and miRNA Characterization of Equine Induced Pluripotent Stem Cells Derived from Fetal and Adult Multipotent Tissues. Stem Cells International, 2019, 2019, 1-15.	2.5	16
26	Improved Production of Genetically Modified Fetuses with Homogeneous Transgene Expression After Transgene Integration Site Analysis and Recloning in Cattle. Cellular Reprogramming, 2011, 13, 29-36.	0.9	15
27	Genetic Parameters and Genome-Wide Association Studies for Anti-MÃ¼llerian Hormone Levels and Antral Follicle Populations Measured After Estrus Synchronization in Nellore Cattle. Animals, 2020, 10, 1185.	2.3	15
28	Î²-casein gene expression by in vitro cultured bovine mammary epithelial cells derived from developing mammary glands. Genetics and Molecular Research, 2011, 10, 604-614.	0.2	14
29	Porcine Primordial Germ Cell-Like Cells Generated from Induced Pluripotent Stem Cells Under Different Culture Conditions. Stem Cell Reviews and Reports, 2022, 18, 1639-1656.	3.8	14
30	Ptaquiloside reduces NK cell activities by enhancing metallothionein expression, which is prevented by selenium. Toxicology, 2013, 304, 100-108.	4.2	13
31	Rabbit olfactory stem cells. Isolation protocol and characterization. Acta Cirurgica Brasileira, 2016, 31, 59-66.	0.7	13
32	ZEB1 and ZEB2 transcription factors are potential therapeutic targets of canine mammary cancer cells. Veterinary and Comparative Oncology, 2018, 16, 596-605.	1.8	13
33	Edition of TFAM gene by CRISPR/Cas9 technology in bovine model. PLoS ONE, 2019, 14, e0213376.	2.5	13
34	Catalytic inhibition of H3K9me2 writers disturbs epigenetic marks during bovine nuclear reprogramming. Scientific Reports, 2020, 10, 11493.	3.3	12
35	Gene expression in placentation of farm animals: An overview of gene function during development. Theriogenology, 2011, 76, 589-597.	2.1	11
36	Muscle reorganisation through local injection of stem cells in the diaphragm of mdx mice. Acta Veterinaria Scandinavica, 2012, 54, 73.	1.6	11

#	ARTICLE	IF	CITATIONS
37	Distinct features of rabbit and human adipose-derived mesenchymal stem cells: implications for biotechnology and translational research. Stem Cells and Cloning: Advances and Applications, 2018, Volume 11, 43-54.	2.3	10
38	The use of parthenotegenetic and IVF bovine blastocysts as a model for the creation of human embryonic stem cells under defined conditions. Journal of Assisted Reproduction and Genetics, 2012, 29, 1039-1043.	2.5	9
39	Effects of long-term in vitro culturing of transgenic bovine donor fibroblasts on cell viability and in vitro developmental potential after nuclear transfer. In Vitro Cellular and Developmental Biology - Animal, 2013, 49, 250-259.	1.5	9
40	Organic selenium increases PHGPx, but does not affect quality sperm in raw boar semen. Livestock Science, 2014, 164, 175-178.	1.6	9
41	Mitochondrial DNA dynamics during in vitro culture and pluripotency induction of a bovine Rho0 cell line. Genetics and Molecular Research, 2015, 14, 14093-14104.	0.2	9
42	Xenotransplantation of canine spermatogonial stem cells (cSSCs) regulated by FSH promotes spermatogenesis in infertile mice. Stem Cell Research and Therapy, 2019, 10, 135.	5.5	9
43	Characterization and Immunomodulation of Canine Amniotic Membrane Stem Cells . Stem Cells and Cloning: Advances and Applications, 2020, Volume 13, 43-55.	2.3	9
44	d-Xylose detection in Escherichia coli by a xylose binding protein-dependent response. Journal of Biotechnology, 2013, 168, 440-445.	3.8	8
45	Breeding of transgenic cattle for human coagulation factor IX by a combination of lentiviral system and cloning. Genetics and Molecular Research, 2013, 12, 3675-3688.	0.2	8
46	Characterization of post-edited cells modified in the TFAM gene by CRISPR/Cas9 technology in the bovine model. PLoS ONE, 2020, 15, e0235856.	2.5	8
47	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.	1.4	7
48	Cytoplasmatic inheritance, epigenetics and reprogramming DNA as tools in animal breeding. Livestock Science, 2014, 166, 199-205.	1.6	7
49	Organic selenium supplementation increases PHGPx but does not improve viability in chilled boar semen. Andrologia, 2015, 47, 85-90.	2.1	7
50	Generation of neural progenitor cells from porcineâ€induced pluripotent stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1880-1891.	2.7	7
51	Derivation and culture of putative parthenogenetic embryonic stem cells in new gelatin substrates modified with galactomannan. Macromolecular Research, 2014, 22, 1053-1058.	2.4	6
52	Cattle In Vitro Induced Pluripotent Stem Cells Generated and Maintained in 5 or 20% Oxygen and Different Supplementation. Cells, 2021, 10, 1531.	4.1	6
53	In vitro identification of a stem cell population from canine hair follicle bulge region. Tissue and Cell, 2018, 50, 43-50.	2.2	5
54	Altrenogest during early pregnancy modulates uterine glandular epithelium and endometrial growth factor expression at the time implantation in pigs. Animal Reproduction, 2021, 18, e20200431.	1.0	5

#	Article	IF	Citations
55	Nuclear Transfer with Apoptotic Bovine Fibroblasts: Can Programmed Cell Death Be Reprogrammed?. Cellular Reprogramming, 2012, 14, 217-224.	0.9	4
56	Effect of POU5F1 Expression Level in Clonal Subpopulations of Bovine Fibroblasts Used as Nuclear Donors for Somatic Cell Nuclear Transfer. Cellular Reprogramming, 2017, 19, 294-301.	0.9	4
57	Derivation and Differentiation of Canine Ovarian Mesenchymal Stem Cells. Journal of Visualized Experiments, 2018, , .	0.3	4
58	In Vitro Induction of Pluripotency from Equine Fibroblasts in 20% or 5% Oxygen. Stem Cells International, 2020, 2020, 1-16.	2.5	4
59	Placental scaffolds have the ability to support adiposeâ€derived cells differentiation into osteogenic and chondrogenic lineages. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1661-1672.	2.7	4
60	Achievements and perspectives in cloned and transgenic cattle production by nuclear transfer: influence of cell type, epigenetic status and new technology. Animal Reproduction, 2017, 14, 1003-1013.	1.0	3
61	Isolation and characterization of neural stem cells from fetal canine spinal cord. Neuroscience Letters, 2021, 765, 136293.	2.1	3
62	Generation of Primordial Germ Cell-like Cells from iPSCs Derived from Turner Syndrome Patients. Cells, 2021, 10, 3099.	4.1	3
63	HEK293T Cells with TFAM Disruption by CRISPR-Cas9 as a Model for Mitochondrial Regulation. Life, 2022, 12, 22.	2.4	3
64	Insights on bovine genetic engineering and cloning. Pesquisa Veterinaria Brasileira, 2013, 33, 113-118.	0.5	2
65	Challenges and perspectives to enhance cattle production via in vitro techniques: focus on epigenetics and cell-secreted vesicles. Ciencia Rural, 2015, 45, 1879-1886.	0.5	2
66	A Comparative Approach of Cellular Reprogramming in the Rodentia Order. Cellular Reprogramming, 2020, 22, 227-235.	0.9	2
67	CaracterizaÃ§Ã£o das proteÃnas caveolinas -1 e -2 na placenta de conceptos bovinos clonados transgÃªnicos. Pesquisa Veterinaria Brasileira, 2015, 35, 477-485.	0.5	2
68	Neural Derivates of Canine Induced Pluripotent Stem Cells-Like Cells From a Mild Cognitive Impairment Dog. Frontiers in Veterinary Science, 2021, 8, 725386.	2.2	2
69	Comparative analysis of the lipid profile of human mesenchymal stem cells induced to pluripotency by different transfection factors. Fertility and Sterility, 2013, 100, S456-S457.	1.0	1
70	Efficiency of transgene expression in bovine cells varies according to cell type and gene transfer method. Revista Colombiana De Ciencias Pecuarias, 2019, 32, 34-42.	0.4	1
71	Interaction of fibroblasts and induced pluripotent stem cells with poly(vinyl alcohol)â€based hydrogel substrates. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 857-867.	3.4	1
72	Identification of hepatic progenitor cells in the canine fetal liver. Research in Veterinary Science, 2020, 133, 239-245.	1.9	1

#	Article	IF	Citations
73	Induced Pluripotent Stem Cells from Animal Models: ApplicationsÂon Translational Research. , 0, , .		1
74	399 ISOLATION AND CHARACTERIZATION OF BOVINE MESENCHYMAL STEM CELLS DERIVED FROM ADIPOSE TISSUE. Reproduction, Fertility and Development, 2010, 22, 356.	0.4	1
75	46 RECLONING USING TRANSGENIC FETAL FIBROBLASTS AS NUCLEI DONORS INCREASES DEVELOPMENTAL POTENTIAL OF RECONSTRUCTED EMBRYOS IN CATTLE. Reproduction, Fertility and Development, 2010, 22, 180.	0.4	1
76	Explorando os efeitos da sincronizaÃ§Ã£o do segundo estro e flushing alimentar sobre a incidÃªncia de cistos ovarianos em marrÃ£s utilizando gonadotrofinas exÃ³genas. Brazilian Journal of Veterinary Research and Animal Science, 2014, 50, 307.	0.2	1
77	Pluripotent stem cells proliferation is associated with placentation in dogs. Animal Reproduction, 2020, 17, e20200040.	1.0	1
78	<i>In vitro</i> induced pluripotency from urine-derived cells in porcine. World Journal of Stem Cells, 2022, 14, 231-244.	2.8	1
79	Rreprogramming by gene induction: The factors involved in the establishment of canine stem cells. Placenta, 2014, 35, A92.	1.5	0
80	Endometrial prostaglandin F2Î± in vitro production and its modulation regarding dominant follicle position in cattle. Brazilian Journal of Veterinary Research and Animal Science, 2018, 55, e133937.	0.2	0
81	Female Bioengineering: Primordial Germ Cell Differentiation of Mesenchymal Stem Cells onto Placental Scaffolds. Current Trends in Biomedical Engineering & Biosciences, 2021, 20, .	0.2	0
82	Differentiation of Porcine Induced Pluripotent Stem Cells (piPSCs) into Neural Progenitor Cells (NPCs). Journal of Visualized Experiments, 2021, , .	0.3	0
83	299 DEVELOPMENTAL COMPETENCE OF TRANSGENIC BOVINE EMBRYOS RECONSTRUCTED BY NUCLEAR TRANSFER USING MEIOSIS-BLOCKED OOCYTES. Reproduction, Fertility and Development, 2008, 20, 229.	0.4	0
84	242 USE OF BRAIN-DERIVED NEUROTROPHIC FACTOR IN IN VITRO PREMATURATION OF BOVINE OOCYTES SUBJECTED TO PARTHENOGENETIC ACTIVATION. Reproduction, Fertility and Development, 2008, 20, 200.	0.4	0
85	50 PRE-MATURATION OF BOVINE OOCYTES SUBMITTED TO NUCLEAR TRANSFER: EFFECTS ON IN VIVO DEVELOPMENT. Reproduction, Fertility and Development, 2010, 22, 183.	0.4	0
86	ProliferaÃ§Ã£o Celular em GestaÃ§Ãµes Naturais e de Conceptos Bovinos TransgÃªnicos Clonados, que Expressam ProteÃna Fluorescente Verde. Brazilian Journal of Development, 2019, 5, 33368-33380.	0.1	0