

# Fabiana Fernandes Bressan

## List of Publications by Year in descending order

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86  
papers

1,211  
citations

394286

19  
h-index

454834

30  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Porcine Primordial Germ Cell-Like Cells Generated from Induced Pluripotent Stem Cells Under Different Culture Conditions. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1639-1656.	1.7	14
2	<i>In vitro</i> induced pluripotency from urine-derived cells in porcine. <i>World Journal of Stem Cells</i> , 2022, 14, 231-244.	1.3	1
3	HEK293T Cells with TFAM Disruption by CRISPR-Cas9 as a Model for Mitochondrial Regulation. <i>Life</i> , 2022, 12, 22.	1.1	3
4	Altrenogest during early pregnancy modulates uterine glandular epithelium and endometrial growth factor expression at the time implantation in pigs. <i>Animal Reproduction</i> , 2021, 18, e20200431.	0.4	5
5	Female Bioengineering: Primordial Germ Cell Differentiation of Mesenchymal Stem Cells onto Placental Scaffolds. <i>Current Trends in Biomedical Engineering &amp; Biosciences</i> , 2021, 20, .	0.2	0
6	Differentiation of Porcine Induced Pluripotent Stem Cells (piPSCs) into Neural Progenitor Cells (NPCs). <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
7	Cattle <i>In Vitro</i> Induced Pluripotent Stem Cells Generated and Maintained in 5 or 20% Oxygen and Different Supplementation. <i>Cells</i> , 2021, 10, 1531.	1.8	6
8	Actions and Roles of FSH in Germinative Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10110.	1.8	26
9	Isolation and characterization of neural stem cells from fetal canine spinal cord. <i>Neuroscience Letters</i> , 2021, 765, 136293.	1.0	3
10	Neural Derivates of Canine Induced Pluripotent Stem Cells-Like Cells From a Mild Cognitive Impairment Dog. <i>Frontiers in Veterinary Science</i> , 2021, 8, 725386.	0.9	2
11	Generation of Primordial Germ Cell-like Cells from iPSCs Derived from Turner Syndrome Patients. <i>Cells</i> , 2021, 10, 3099.	1.8	3
12	Interaction of fibroblasts and induced pluripotent stem cells with poly(vinyl alcohol)-based hydrogel substrates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 857-867.	1.6	1
13	Identification of hepatic progenitor cells in the canine fetal liver. <i>Research in Veterinary Science</i> , 2020, 133, 239-245.	0.9	1
14	Generation of neural progenitor cells from porcine-induced pluripotent stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1880-1891.	1.3	7
15	Catalytic inhibition of H3K9me2 writers disturbs epigenetic marks during bovine nuclear reprogramming. <i>Scientific Reports</i> , 2020, 10, 11493.	1.6	12
16	Characterization of post-edited cells modified in the TFAM gene by CRISPR/Cas9 technology in the bovine model. <i>PLoS ONE</i> , 2020, 15, e0235856.	1.1	8
17	Genetic Parameters and Genome-Wide Association Studies for Anti-M <sup>1/4</sup> llerian Hormone Levels and Antral Follicle Populations Measured After Estrus Synchronization in Nellore Cattle. <i>Animals</i> , 2020, 10, 1185.	1.0	15
18	A Comparative Approach of Cellular Reprogramming in the Rodentia Order. <i>Cellular Reprogramming</i> , 2020, 22, 227-235.	0.5	2

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19	In Vitro Induction of Pluripotency from Equine Fibroblasts in 20% or 5% Oxygen. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	4
20	Generation of induced pluripotent stem cells from large domestic animals. <i>Stem Cell Research and Therapy</i> , 2020, 11, 247.	2.4	21
21	Placental scaffolds have the ability to support adipose-derived cells differentiation into osteogenic and chondrogenic lineages. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1661-1672.	1.3	4
22	&lt;p&gt;Characterization and Immunomodulation of Canine Amniotic Membrane Stem Cells&lt;/p&gt;. <i>Stem Cells and Cloning: Advances and Applications</i> , 2020, Volume 13, 43-55.	2.3	9
23	Pluripotent stem cells proliferation is associated with placentation in dogs. <i>Animal Reproduction</i> , 2020, 17, e20200040.	0.4	1
24	Neurons-derived extracellular vesicles promote neural differentiation of ADSCs: a model to prevent peripheral nerve degeneration. <i>Scientific Reports</i> , 2019, 9, 11213.	1.6	24
25	Efficiency of transgene expression in bovine cells varies according to cell type and gene transfer method. <i>Revista Colombiana De Ciencias Pecuarias</i> , 2019, 32, 34-42.	0.4	1
26	Stem cells on regenerative and reproductive science in domestic animals. <i>Veterinary Research Communications</i> , 2019, 43, 7-16.	0.6	22
27	Applications of mesenchymal stem cell technology in bovine species. <i>Stem Cell Research and Therapy</i> , 2019, 10, 44.	2.4	38
28	Xenotransplantation of canine spermatogonial stem cells (cSSCs) regulated by FSH promotes spermatogenesis in infertile mice. <i>Stem Cell Research and Therapy</i> , 2019, 10, 135.	2.4	9
29	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
30	Edition of TFAM gene by CRISPR/Cas9 technology in bovine model. <i>PLoS ONE</i> , 2019, 14, e0213376.	1.1	13
31	Induced pluripotent stem cells throughout the animal kingdom: Availability and applications. <i>World Journal of Stem Cells</i> , 2019, 11, 491-505.	1.3	44
32	ProliferaÃ§Ã£o Celular em GestÃµes Naturais e de Conceptos Bovinos TransgÃªnicos Clonados, que Expressam ProteÃna Fluorescente Verde. <i>Brazilian Journal of Development</i> , 2019, 5, 33368-33380.	0.0	0
33	In vitro identification of a stem cell population from canine hair follicle bulge region. <i>Tissue and Cell</i> , 2018, 50, 43-50.	1.0	5
34	Derivation and Differentiation of Canine Ovarian Mesenchymal Stem Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
35	Endometrial prostaglandin F2Î± in vitro production and its modulation regarding dominant follicle position in cattle. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, e133937.	0.2	0
36	Distinct features of rabbit and human adipose-derived mesenchymal stem cells: implications for biotechnology and translational research. <i>Stem Cells and Cloning: Advances and Applications</i> , 2018, Volume 11, 43-54.	2.3	10

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37	ZEB1 and ZEB2 transcription factors are potential therapeutic targets of canine mammary cancer cells. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 596-605.	0.8	13
38	Dynamics of male canine germ cell development. <i>PLoS ONE</i> , 2018, 13, e0193026.	1.1	16
39	Generation of LIF-independent induced pluripotent stem cells from canine fetal fibroblasts. <i>Theriogenology</i> , 2017, 92, 75-82.	0.9	34
40	Effect of POU5F1 Expression Level in Clonal Subpopulations of Bovine Fibroblasts Used as Nuclear Donors for Somatic Cell Nuclear Transfer. <i>Cellular Reprogramming</i> , 2017, 19, 294-301.	0.5	4
41	Achievements and perspectives in cloned and transgenic cattle production by nuclear transfer: influence of cell type, epigenetic status and new technology. <i>Animal Reproduction</i> , 2017, 14, 1003-1013.	0.4	3
42	Rabbit olfactory stem cells. Isolation protocol and characterization. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 59-66.	0.3	13
43	Parthenogenesis and Human Assisted Reproduction. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	23
44	Effects of melatonin during IVM in defined medium on oocyte meiosis, oxidative stress, and subsequent embryo development. <i>Theriogenology</i> , 2016, 86, 1685-1694.	0.9	48
45	Challenges and perspectives to enhance cattle production via in vitro techniques: focus on epigenetics and cell-secreted vesicles. <i>Ciencia Rural</i> , 2015, 45, 1879-1886.	0.3	2
46	Mitochondrial DNA dynamics during in vitro culture and pluripotency induction of a bovine Rho0 cell line. <i>Genetics and Molecular Research</i> , 2015, 14, 14093-14104.	0.3	9
47	Generation of bovine ( <i>Bos indicus</i> ) and buffalo ( <i>Bubalus bubalis</i> ) adipose tissue derived stem cells: isolation, characterization, and multipotentiality. <i>Genetics and Molecular Research</i> , 2015, 14, 53-62.	0.3	40
48	Epigenetic consequences of artificial reproductive technologies to the bovine imprinted genes SNRPN, H19/IGF2, and IGF2R. <i>Frontiers in Genetics</i> , 2015, 6, 58.	1.1	31
49	Organic selenium supplementation increases PHGPx but does not improve viability in chilled boar semen. <i>Andrologia</i> , 2015, 47, 85-90.	1.0	7
50	Caracterização das proteínas caveolinas -1 e -2 na placenta de conceptos bovinos clonados transgênicos. <i>Pesquisa Veterinária Brasileira</i> , 2015, 35, 477-485.	0.5	2
51	Cat amniotic membrane multipotent cells are nontumorigenic and are safe for use in cell transplantation. <i>Stem Cells and Cloning: Advances and Applications</i> , 2014, 7, 71.	2.3	25
52	Derivation and culture of putative parthenogenetic embryonic stem cells in new gelatin substrates modified with galactomannan. <i>Macromolecular Research</i> , 2014, 22, 1053-1058.	1.0	6
53	Organic selenium increases PHGPx, but does not affect quality sperm in raw boar semen. <i>Livestock Science</i> , 2014, 164, 175-178.	0.6	9
54	Manipulation of the periovulatory sex steroidal milieu affects endometrial but not luteal gene expression in early diestrus Nelore cows. <i>Theriogenology</i> , 2014, 81, 861-869.	0.9	50

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55	Reprogramming by gene induction: The factors involved in the establishment of canine stem cells. <i>Placenta</i> , 2014, 35, A92.	0.7	0
56	The Influence of Morphology, Follicle Size and Bcl-2 and Bax Transcripts on the Developmental Competence of Bovine Oocytes. <i>Reproduction in Domestic Animals</i> , 2014, 49, 576-583.	0.6	23
57	Cytoplasmatic inheritance, epigenetics and reprogramming DNA as tools in animal breeding. <i>Livestock Science</i> , 2014, 166, 199-205.	0.6	7
58	Explorando os efeitos da sincronizaçŁo do segundo estro e flushing alimentar sobre a incidŁncia de cistos ovarianos em marrŁs utilizando gonadotrofinas exŁgenas. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2014, 50, 307.	0.2	1
59	Development to Term of Cloned Cattle Derived from Donor Cells Treated with Valproic Acid. <i>PLoS ONE</i> , 2014, 9, e101022.	1.1	34
60	Effects of long-term in vitro culturing of transgenic bovine donor fibroblasts on cell viability and in vitro developmental potential after nuclear transfer. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 250-259.	0.7	9
61	d-Xylose detection in <i>Escherichia coli</i> by a xylose binding protein-dependent response. <i>Journal of Biotechnology</i> , 2013, 168, 440-445.	1.9	8
62	Ptaquiloside reduces NK cell activities by enhancing metallothionein expression, which is prevented by selenium. <i>Toxicology</i> , 2013, 304, 100-108.	2.0	13
63	Comparative analysis of the lipid profile of human mesenchymal stem cells induced to pluripotency by different transfection factors. <i>Fertility and Sterility</i> , 2013, 100, S456-S457.	0.5	1
64	Breeding of transgenic cattle for human coagulation factor IX by a combination of lentiviral system and cloning. <i>Genetics and Molecular Research</i> , 2013, 12, 3675-3688.	0.3	8
65	Insights on bovine genetic engineering and cloning. <i>Pesquisa Veterinaria Brasileira</i> , 2013, 33, 113-118.	0.5	2
66	Fetal-Maternal Interactions in the Synepitheliochorial Placenta Using the eGFP Cloned Cattle Model. <i>PLoS ONE</i> , 2013, 8, e64399.	1.1	18
67	Nuclear Transfer with Apoptotic Bovine Fibroblasts: Can Programmed Cell Death Be Reprogrammed?. <i>Cellular Reprogramming</i> , 2012, 14, 217-224.	0.5	4
68	Canine Fibroblasts Expressing Human Transcription Factors: What is in the Route for the Production of Canine Induced Pluripotent Stem Cells. <i>Reproduction in Domestic Animals</i> , 2012, 47, 84-87.	0.6	7
69	The use of parthenotegenetic and IVF bovine blastocysts as a model for the creation of human embryonic stem cells under defined conditions. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 1039-1043.	1.2	9
70	Post-thaw addition of seminal plasma reduces tyrosine phosphorylation on the surface of cryopreserved equine sperm, but does not reduce lipid peroxidation. <i>Theriogenology</i> , 2012, 77, 1866-1872.e3.	0.9	35
71	Muscle reorganisation through local injection of stem cells in the diaphragm of mdx mice. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 73.	0.5	11
72	Effects of bovine sperm cryopreservation using different freezing techniques and cryoprotective agents on plasma, acrosomal and mitochondrial membranes. <i>Andrologia</i> , 2012, 44, 154-159.	1.0	45

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73	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
74	Gene expression in placentation of farm animals: An overview of gene function during development. <i>Theriogenology</i> , 2011, 76, 589-597.	0.9	11
75	Î²-casein gene expression by in vitro cultured bovine mammary epithelial cells derived from developing mammary glands. <i>Genetics and Molecular Research</i> , 2011, 10, 604-614.	0.3	14
76	Viable Calves Produced by Somatic Cell Nuclear Transfer Using Meiotic-Blocked Oocytes. <i>Cellular Reprogramming</i> , 2011, 13, 419-429.	0.5	25
77	The use of animal models for stroke research: a review. <i>Comparative Medicine</i> , 2011, 61, 305-13.	0.4	78
78	Embryo Mitochondrial DNA Depletion Is Reversed During Early Embryogenesis in Cattle <sup>1</sup> . <i>Biology of Reproduction</i> , 2010, 82, 76-85.	1.2	58
79	399 ISOLATION AND CHARACTERIZATION OF BOVINE MESENCHYMAL STEM CELLS DERIVED FROM ADIPOSE TISSUE. <i>Reproduction, Fertility and Development</i> , 2010, 22, 356.	0.1	1
80	46 RECLONING USING TRANSGENIC FETAL FIBROBLASTS AS NUCLEI DONORS INCREASES DEVELOPMENTAL POTENTIAL OF RECONSTRUCTED EMBRYOS IN CATTLE. <i>Reproduction, Fertility and Development</i> , 2010, 22, 180.	0.1	1
81	50 PRE-MATURATION OF BOVINE OOCYTES SUBMITTED TO NUCLEAR TRANSFER: EFFECTS ON IN VIVO DEVELOPMENT. <i>Reproduction, Fertility and Development</i> , 2010, 22, 183.	0.1	0
82	Unearthing the Roles of Imprinted Genes in the Placenta. <i>Placenta</i> , 2009, 30, 823-834.	0.7	76
83	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
84	299 DEVELOPMENTAL COMPETENCE OF TRANSGENIC BOVINE EMBRYOS RECONSTRUCTED BY NUCLEAR TRANSFER USING MEIOSIS-BLOCKED OOCYTES. <i>Reproduction, Fertility and Development</i> , 2008, 20, 229.	0.1	0
85	242 USE OF BRAIN-DERIVED NEUROTROPHIC FACTOR IN IN VITRO PREMATURATION OF BOVINE OOCYTES SUBJECTED TO PARTHENOGENETIC ACTIVATION. <i>Reproduction, Fertility and Development</i> , 2008, 20, 200.	0.1	0
86	Induced Pluripotent Stem Cells from Animal Models: Applications on Translational Research. , 0, , .		1