Fidel Ovidio Castro

List of Publications by Year
in descending order

52 papers	731 citations	516561 16 h-index	580701 25 g-index
53 all docs	53 docs citations	53 times ranked	786 citing authors

#	Article	IF	Citations
1	Identification and characteristics of extracellular vesicles from bovine blastocysts produced in vitro. PLoS ONE, 2017, 12, e0178306.	1.1	72
2	Transgenic rabbits as bioreactors for the production of human growth hormone. Journal of Biotechnology, 1995, 40, 49-58.	1.9	42
3	The Endometrium of Cycling Cows Contains Populations of Putative Mesenchymal Progenitor Cells. Reproduction in Domestic Animals, 2014, 49, 550-559.	0.6	39
4	MicroRNA expression profiling of elongated cloned and in vitroâ€“fertilized bovine embryos. Theriogenology, 2010, 73, 71-85.	0.9	37
5	Differential gene expression in bovine elongated (Day 17) embryos produced by somatic cell nucleus transfer and in vitro fertilization. Theriogenology, 2010, 74, 45-59.	0.9	36
6	Equine mesenchymal stem cells derived from endometrial or adipose tissue share significant biological properties, but have distinctive pattern of surface markers and migration. Theriogenology, 2018, 106, 93-102.	0.9	32
7	Changes in the expression of pluripotency-associated genes during preimplantation and peri-implantation stages in bovine cloned and in vitro produced embryos. Zygote, 2010, 18, 269-279.	0.5	29
8	Constitutive expression of the embryonic stem cell marker OCT4 in bovine somatic donor cells influences blastocysts rate and quality after nucleus transfer. In Vitro Cellular and Developmental Biology - Animal, 2013, 49, 657-667.	0.7	28
9	Extracellular vesicles secreted during blastulation show viability of bovine embryos. Reproduction, 2019, 158, 477-492.	1.1	26
10	Expression of human erythropoietin transgenes and of the endogenous WAP gene in the mammary gland of transgenic rabbits during gestation and lactation. Transgenic Research, 1998, 7, 311-317.	1.3	23
11	Combined use of platelet rich plasma and vitamin C positively affects differentiation in vitro to mesodermal lineage of adult adipose equine mesenchymal stem cells. Research in Veterinary Science, 2014, 96, 95-101.	0.9	23
12	Cold storage of biopsies from wild endangered native Chilean species in field conditions and subsequent isolation of primary culture cell lines. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 309-320.	0.7	20
13	High developmental potential in vitro and in vivo of cattle embryos cloned without micromanipulators. Journal of Assisted Reproduction and Genetics, 2008, 25, 13-16.	1.2	19
14	Characterization of mesenchymal stem cells in bovine endometrium during follicular phase of oestrous cycle. Reproduction in Domestic Animals, 2017, 52, 707-714.	0.6	19
15	Endometritis andIn VitroPGE₂Challenge Modify Properties of Cattle Endometrial Mesenchymal Stem Cells and Their Transcriptomic Profile. Stem Cells International, 2017, 2017, 1-16.	1.2	18
16	Differential constitutive expression of interferon genes in early mouse embryos. Molecular Reproduction and Development, 1995, 41, 157-166.	1.0	17
17	Splitting of IVP bovine blastocyst affects morphology and gene expression of resulting demi-embryos during in vitro culture and in vivo elongation. Zygote, 2016, 24, 18-30.	0.5	16
18	Disruption of the Blood-Brain Barrier by Extracellular Vesicles From Preeclampsia Plasma and Hypoxic Placentae: Attenuation by Magnesium Sulfate. Hypertension, 2021, 78, 1423-1433.	1.3	16

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19	FSH stimulation of anestrous cats improves oocyte quality and development of parthenogenetic embryos. Theriogenology, 2017, 87, 25-35.	0.9	15
20	The expression level of SOX2 at the blastocyst stage regulates the developmental capacity of bovine embryos up to day-13 of in vitro culture. Zygote, 2019, 27, 398-404.	0.5	15
21	MicroRNAs from Extracellular Vesicles Secreted by Bovine Embryos as Early Biomarkers of Developmental Competence. International Journal of Molecular Sciences, 2020, 21, 8888.	1.8	15
22	Transgenic rabbits for the production of biologically-active recombinant proteins in the milk. Genetic Analysis, Techniques and Applications, 1999, 15, 179-187.	1.5	14
23	Cell cycle synchronization and analysis of apoptosisâ€related gene in skin fibroblasts from domestic cat (Felis silvestris catus) and kodkod (Leopardus guigna). Reproduction in Domestic Animals, 2017, 52, 881-889.	0.6	13
24	Advantages in Wound Healing Process in Female Mice Require Upregulation A2A-Mediated Angiogenesis under the Stimulation of 17Î²-Estradiol. International Journal of Molecular Sciences, 2020, 21, 7145.	1.8	13
25	Endometrial Stem Cells in Farm Animals: Potential Role in Uterine Physiology and Pathology. Bioengineering, 2018, 5, 75.	1.6	10
26	Assessment of the anti-inflammatory and engraftment potential of horse endometrial and adipose mesenchymal stem cells in an inÂvivo model of post breeding induced endometritis. Theriogenology, 2020, 155, 33-42.	0.9	10
27	In vitro preconditioning of equine adipose mesenchymal stem cells with prostaglandin E2, substance P and their combination changes the cellular protein secretomics and improves their immunomodulatory competence without compromising stemness. Veterinary Immunology and Immunopathology, 2020, 228, 110100.	0.5	8
28	Evaluation of extracellular vesicles and gDNA from culture medium as a possible indicator of developmental competence in human embryos. Zygote, 2021, 29, 138-149.	0.5	8
29	Characterization of mesenchymal stem cells derived from adipose tissue of a cougar (Puma) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.4	8
30	Embryo splitting affects the transcriptome during elongation stage of inÂvitroâ€“produced bovine blastocysts. Theriogenology, 2017, 87, 124-134.	0.9	7
31	Applied Biotechnologies in the Conservation of Wild Felids: In Vitro Embryo Production and Cellular Regenerative Therapies. , 0, , .		7
32	eCG stimulation in domestic cats increases the expression of gonadotrophinâ€induced genes improving oocyte competence during the nonâ€breeding season. Reproduction in Domestic Animals, 2018, 53, 1306-1316.	0.6	7
33	Embryo aggregation allows the production of kodkod (Leopardus guigna) blastocysts after interspecific SCNT. Theriogenology, 2020, 158, 148-157.	0.9	7
34	Transient Expression of Functional Glucocerebrosidase for Treatment of Gaucherâ€™s Disease in the Goat Mammary Gland. Molecular Biotechnology, 2016, 58, 47-55.	1.3	6
35	InÂvitro and inÂvivo development of domestic cat embryos generated by inÂvitro fertilization after eCG priming and oocyte inÂvitro maturation. Theriogenology, 2020, 146, 94-103.	0.9	6
36	Effect of zona pellucida removal on early development of in vitro produced bovine embryos. Archivos De Medicina Veterinaria, 2013, 45, 7-15.	0.2	6

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37	Effects of Extra-Long-Acting Recombinant Bovine FSH (bscrFSH) on Cattle Superovulation. Animals, 2022, 12, 153.	1.0	6
38	Ultrastructural and immunocytochemical characteristics of hepatocytes from hepatitis B virus infected chimpanzees. Tissue and Cell, 1993, 25, 865-873.	1.0	5
39	Elongation and gene expression in bovine cloned embryos transferred to temporary recipients. Zygote, 2009, 17, 353-365.	0.5	5
40	Effect of BMP15 and/or AMH during in vitro maturation of oocytes from involuntarily culled dairy cows. Molecular Reproduction and Development, 2019, 86, 209-223.	1.0	5
41	Edition of Prostaglandin E2 Receptors EP2 and EP4 by CRISPR/Cas9 Technology in Equine Adipose Mesenchymal Stem Cells. Animals, 2020, 10, 1078.	1.0	5
42	Domestic cat embryos generated without zona pellucida are capable of developing inÂvitro but exhibit abnormal gene expression and a decreased implantation rate. Theriogenology, 2021, 174, 36-46.	0.9	5
43	Differentiation and multipotential characteristics of mesenchymal stem cells derived from adipose tissue of an endangered wild cat (Leopardus guigna). Austral Journal of Veterinary Sciences, 2019, 51, 0-0.	0.2	3
44	Distinctive Cellular Transcriptomic Signature and MicroRNA Cargo of Extracellular Vesicles of Horse Adipose and Endometrial Mesenchymal Stem Cells from the Same Donors. Cellular Reprogramming, 2020, 22, 311-327.	0.5	3
45	184 ISOLATION AND CHARACTERIZATION OF BOVINE ENDOMETRIAL STEM CELLS. Reproduction, Fertility and Development, 2014, 26, 206.	0.1	2
46	Complimentary Diagnostic Tools for Endometrosis in Biopsies of Mares with Clinical Subfertility. Acta Scientiae Veterinariae, 0, 48, .	0.2	2
47	Nanoparticles from culture media are internalized by in vitro-produced bovine embryos and its depletion affect expression of pluripotency genes. Animal Reproduction, 2021, 18, e20200028.	0.4	1
48	Efeito do Ã¡cido valprÃ³ico e dos fatores de crescimento na plasticidade dos fibroblastos dÃ©rmicos felinos / Effect of Valproic acid and growth factors on plasticity of feline dermal fibroblasts. Brazilian Journal of Animal and Environmental Research, 2021, 4, 2889-2901.	0.0	0
49	Mycoplasmal infection in a guigna (Leopardus guigna) from central Chile. Austral Journal of Veterinary Sciences, 2021, 53, 169-172.	0.2	0
50	79 MicroRNAs of extracellular vesicles secreted by embryos as an early biomarker of competence. Reproduction, Fertility and Development, 2020, 32, 166.	0.1	0
51	208 Effect of growth factors and reprogramming molecules on induction to multipotency of dermal fibroblasts from colocolo (Leopardus colocolo). Reproduction, Fertility and Development, 2020, 32, 232.	0.1	0
52	Characterization of mesenchymal stem cells derived from adipose tissue of a cougar (). Animal Reproduction, 2020, 17, e20190109.	0.4	0