

Fidel Ovidio Castro

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

731
citations

516561

16
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times ranked

786
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#	ARTICLE	IF	CITATIONS
1	Effects of Extra-Long-Acting Recombinant Bovine FSH (bscrFSH) on Cattle Superovulation. <i>Animals</i> , 2022, 12, 153.	1.0	6
2	Evaluation of extracellular vesicles and gDNA from culture medium as a possible indicator of developmental competence in human embryos. <i>Zygote</i> , 2021, 29, 138-149.	0.5	8
3	Efeito do Ácido valprico e dos fatores de crescimento na plasticidade dos fibroblastos drmicos felinos / Effect of Valproic acid and growth factors on plasticity of feline dermal fibroblasts. <i>Brazilian Journal of Animal and Environmental Research</i> , 2021, 4, 2889-2901.	0.0	0
4	Mycoplasmal infection in a guigna (<i>Leopardus guigna</i>) from central Chile. <i>Austral Journal of Veterinary Sciences</i> , 2021, 53, 169-172.	0.2	0
5	Domestic cat embryos generated without zona pellucida are capable of developing in vitro but exhibit abnormal gene expression and a decreased implantation rate. <i>Theriogenology</i> , 2021, 174, 36-46.	0.9	5
6	Nanoparticles from culture media are internalized by in vitro-produced bovine embryos and its depletion affect expression of pluripotency genes. <i>Animal Reproduction</i> , 2021, 18, e20200028.	0.4	1
7	Disruption of the Blood-Brain Barrier by Extracellular Vesicles From Preeclampsia Plasma and Hypoxic Placentae: Attenuation by Magnesium Sulfate. <i>Hypertension</i> , 2021, 78, 1423-1433.	1.3	16
8	Advantages in Wound Healing Process in Female Mice Require Upregulation A2A-Mediated Angiogenesis under the Stimulation of 17-Estradiol. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7145.	1.8	13
9	Distinctive Cellular Transcriptomic Signature and MicroRNA Cargo of Extracellular Vesicles of Horse Adipose and Endometrial Mesenchymal Stem Cells from the Same Donors. <i>Cellular Reprogramming</i> , 2020, 22, 311-327.	0.5	3
10	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. <i>Veterinary Immunology and Immunopathology</i> , 2020, 228, 110100.	0.5	8
11	MicroRNAs from Extracellular Vesicles Secreted by Bovine Embryos as Early Biomarkers of Developmental Competence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8888.	1.8	15
12	Embryo aggregation allows the production of kodkod (<i>Leopardus guigna</i>) blastocysts after interspecific SCNT. <i>Theriogenology</i> , 2020, 158, 148-157.	0.9	7
13	Assessment of the anti-inflammatory and engraftment potential of horse endometrial and adipose mesenchymal stem cells in an in vivo model of post breeding induced endometritis. <i>Theriogenology</i> , 2020, 155, 33-42.	0.9	10
14	Edition of Prostaglandin E2 Receptors EP2 and EP4 by CRISPR/Cas9 Technology in Equine Adipose Mesenchymal Stem Cells. <i>Animals</i> , 2020, 10, 1078.	1.0	5
15	In vitro and in vivo development of domestic cat embryos generated by in vitro fertilization after eCG priming and oocyte in vitro maturation. <i>Theriogenology</i> , 2020, 146, 94-103.	0.9	6
16	Characterization of mesenchymal stem cells derived from adipose tissue of a cougar (<i>Puma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	0.4	8
17	79 MicroRNAs of extracellular vesicles secreted by embryos as an early biomarker of competence. <i>Reproduction, Fertility and Development</i> , 2020, 32, 166.	0.1	0
18	208 Effect of growth factors and reprogramming molecules on induction to multipotency of dermal fibroblasts from colocolo (<i>Leopardus colocolo</i>). <i>Reproduction, Fertility and Development</i> , 2020, 32, 232.	0.1	0

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19	Characterization of mesenchymal stem cells derived from adipose tissue of a cougar (<i>Panthera onca</i>). <i>Animal Reproduction</i> , 2020, 17, e20190109.	0.4	0
20	The expression level of <i>SOX2</i> at the blastocyst stage regulates the developmental capacity of bovine embryos up to day-13 of <i>in vitro</i> culture. <i>Zygote</i> , 2019, 27, 398-404.	0.5	15
21	Differentiation and multipotential characteristics of mesenchymal stem cells derived from adipose tissue of an endangered wild cat (<i>Leopardus guigna</i>). <i>Austral Journal of Veterinary Sciences</i> , 2019, 51, 0-0.	0.2	3
22	Effect of BMP15 and/or AMH during <i>in vitro</i> maturation of oocytes from involuntarily culled dairy cows. <i>Molecular Reproduction and Development</i> , 2019, 86, 209-223.	1.0	5
23	Extracellular vesicles secreted during blastulation show viability of bovine embryos. <i>Reproduction</i> , 2019, 158, 477-492.	1.1	26
24	Equine mesenchymal stem cells derived from endometrial or adipose tissue share significant biological properties, but have distinctive pattern of surface markers and migration. <i>Theriogenology</i> , 2018, 106, 93-102.	0.9	32
25	Endometrial Stem Cells in Farm Animals: Potential Role in Uterine Physiology and Pathology. <i>Bioengineering</i> , 2018, 5, 75.	1.6	10
26	eCG stimulation in domestic cats increases the expression of gonadotrophin-induced genes improving oocyte competence during the non-breeding season. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1306-1316.	0.6	7
27	Characterization of mesenchymal stem cells in bovine endometrium during follicular phase of oestrous cycle. <i>Reproduction in Domestic Animals</i> , 2017, 52, 707-714.	0.6	19
28	Cell cycle synchronization and analysis of apoptosis-related gene in skin fibroblasts from domestic cat (<i>Felis silvestris catus</i>) and kodkod (<i>Leopardus guigna</i>). <i>Reproduction in Domestic Animals</i> , 2017, 52, 881-889.	0.6	13
29	FSH stimulation of anestrus cats improves oocyte quality and development of parthenogenetic embryos. <i>Theriogenology</i> , 2017, 87, 25-35.	0.9	15
30	Embryo splitting affects the transcriptome during elongation stage of <i>in vitro</i> produced bovine blastocysts. <i>Theriogenology</i> , 2017, 87, 124-134.	0.9	7
31	Endometritis and <i>In Vitro</i> PGE ₂ Challenge Modify Properties of Cattle Endometrial Mesenchymal Stem Cells and Their Transcriptomic Profile. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	18
32	Identification and characteristics of extracellular vesicles from bovine blastocysts produced <i>in vitro</i> . <i>PLoS ONE</i> , 2017, 12, e0178306.	1.1	72
33	Splitting of IVP bovine blastocyst affects morphology and gene expression of resulting demi-embryos during <i>in vitro</i> culture and <i>in vivo</i> elongation. <i>Zygote</i> , 2016, 24, 18-30.	0.5	16
34	Transient Expression of Functional Glucocerebrosidase for Treatment of Gaucher's Disease in the Goat Mammary Gland. <i>Molecular Biotechnology</i> , 2016, 58, 47-55.	1.3	6
35	The Endometrium of Cycling Cows Contains Populations of Putative Mesenchymal Progenitor Cells. <i>Reproduction in Domestic Animals</i> , 2014, 49, 550-559.	0.6	39
36	Combined use of platelet rich plasma and vitamin C positively affects differentiation <i>in vitro</i> to mesodermal lineage of adult adipose equine mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2014, 96, 95-101.	0.9	23

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37	184 ISOLATION AND CHARACTERIZATION OF BOVINE ENDOMETRIAL STEM CELLS. <i>Reproduction, Fertility and Development</i> , 2014, 26, 206.	0.1	2
38	Constitutive expression of the embryonic stem cell marker OCT4 in bovine somatic donor cells influences blastocysts rate and quality after nucleus transfer. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 657-667.	0.7	28
39	Effect of zona pellucida removal on early development of in vitro produced bovine embryos. <i>Archivos De Medicina Veterinaria</i> , 2013, 45, 7-15.	0.2	6
40	Changes in the expression of pluripotency-associated genes during preimplantation and peri-implantation stages in bovine cloned and <i>in vitro</i> produced embryos. <i>Zygote</i> , 2010, 18, 269-279.	0.5	29
41	MicroRNA expression profiling of elongated cloned and <i>in vitro</i> fertilized bovine embryos. <i>Theriogenology</i> , 2010, 73, 71-85.	0.9	37
42	Differential gene expression in bovine elongated (Day 17) embryos produced by somatic cell nucleus transfer and <i>in vitro</i> fertilization. <i>Theriogenology</i> , 2010, 74, 45-59.	0.9	36
43	Elongation and gene expression in bovine cloned embryos transferred to temporary recipients. <i>Zygote</i> , 2009, 17, 353-365.	0.5	5
44	High developmental potential <i>in vitro</i> and <i>in vivo</i> of cattle embryos cloned without micromanipulators. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 13-16.	1.2	19
45	Cold storage of biopsies from wild endangered native Chilean species in field conditions and subsequent isolation of primary culture cell lines. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2008, 44, 309-320.	0.7	20
46	Transgenic rabbits for the production of biologically-active recombinant proteins in the milk. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 15, 179-187.	1.5	14
47	Expression of human erythropoietin transgenes and of the endogenous WAP gene in the mammary gland of transgenic rabbits during gestation and lactation. <i>Transgenic Research</i> , 1998, 7, 311-317.	1.3	23
48	Differential constitutive expression of interferon genes in early mouse embryos. <i>Molecular Reproduction and Development</i> , 1995, 41, 157-166.	1.0	17
49	Transgenic rabbits as bioreactors for the production of human growth hormone. <i>Journal of Biotechnology</i> , 1995, 40, 49-58.	1.9	42
50	Ultrastructural and immunocytochemical characteristics of hepatocytes from hepatitis B virus infected chimpanzees. <i>Tissue and Cell</i> , 1993, 25, 865-873.	1.0	5
51	Applied Biotechnologies in the Conservation of Wild Felids: <i>In Vitro</i> Embryo Production and Cellular Regenerative Therapies. , 0, , .		7
52	Complimentary Diagnostic Tools for Endometriosis in Biopsies of Mares with Clinical Subfertility. <i>Acta Scientiae Veterinariae</i> , 0, 48, .	0.2	2