

Miguel ngel Ramirez

List of Publications by Citations

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55
papers

2,497
citations

24
h-index

49
g-index

65
ext. papers

2,859
ext. citations

4
avg, IF

4.53
L-index

#	Paper	IF	Citations
55	World Scientists' Warning to Humanity: A Second Notice. <i>BioScience</i> , 2017 , 67, 1026-1028	5.7	563
54	Long-term effect of in vitro culture of mouse embryos with serum on mRNA expression of imprinting genes, development, and behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5880-5	11.5	309
53	Long-term effects of mouse intracytoplasmic sperm injection with DNA-fragmented sperm on health and behavior of adult offspring. <i>Biology of Reproduction</i> , 2008 , 78, 761-72	3.9	263
52	Extracellular Vesicles from BOEC in In Vitro Embryo Development and Quality. <i>PLoS ONE</i> , 2016 , 11, e0148083	3.983	107
51	Early detection of PrPres in BSE-infected bovine PrP transgenic mice. <i>Archives of Virology</i> , 2003 , 148, 677-91	2.6	106
50	Differential sensitivity of male and female mouse embryos to oxidative induced heat-stress is mediated by glucose-6-phosphate dehydrogenase gene expression. <i>Molecular Reproduction and Development</i> , 2005 , 72, 502-10	2.6	76
49	Effect of bovine oviductal extracellular vesicles on embryo development and quality. <i>Reproduction</i> , 2017 , 153, 461-470	3.8	75
48	Suboptimal in vitro culture conditions: an epigenetic origin of long-term health effects. <i>Molecular Reproduction and Development</i> , 2007 , 74, 1149-56	2.6	69
47	Histone modifications at the blastocyst Axin1(Fu) locus mark the heritability of in vitro culture-induced epigenetic alterations in mice. <i>Biology of Reproduction</i> , 2010 , 83, 720-7	3.9	62
46	Developmental consequences of sexual dimorphism during pre-implantation embryonic development. <i>Reproduction in Domestic Animals</i> , 2006 , 41 Suppl 2, 54-62	1.6	60
45	Long-term and transgenerational effects of in vitro culture on mouse embryos. <i>Theriogenology</i> , 2012 , 77, 785-93	2.8	53
44	Subclinical bovine spongiform encephalopathy infection in transgenic mice expressing porcine prion protein. <i>Journal of Neuroscience</i> , 2004 , 24, 5063-9	6.6	52
43	Different behavior toward bovine spongiform encephalopathy infection of bovine prion protein transgenic mice with one extra repeat octapeptide insert mutation. <i>Journal of Neuroscience</i> , 2004 , 24, 2156-64	6.6	42
42	First field trial of a transmissible recombinant vaccine against myxomatosis and rabbit hemorrhagic disease. <i>Vaccine</i> , 2001 , 19, 4536-43	4.1	36
41	Human endometrial CD98 is essential for blastocyst adhesion. <i>PLoS ONE</i> , 2010 , 5, e13380	3.7	35
40	Prion protein expression regulates embryonic stem cell pluripotency and differentiation. <i>PLoS ONE</i> , 2011 , 6, e18422	3.7	34
39	Culture of bovine embryos in intermediate host oviducts with emphasis on the isolated mouse oviduct. <i>Theriogenology</i> , 2010 , 73, 777-85	2.8	33

38	Effect of transgene concentration, flanking matrix attachment regions, and RecA-coating on the efficiency of mouse transgenesis mediated by intracytoplasmic sperm injection. <i>Biology of Reproduction</i> , 2007 , 76, 336-43	3.9	33
37	Proteinase K enhanced immunoreactivity of the prion protein-specific monoclonal antibody 2A11. <i>Neuroscience Research</i> , 2004 , 48, 75-83	2.9	33
36	Transgenic mice expressing bovine PrP with a four extra repeat octapeptide insert mutation show a spontaneous, non-transmissible, neurodegenerative disease and an expedited course of BSE infection. <i>FEBS Letters</i> , 2005 , 579, 6237-46	3.8	31
35	Synthesis in vitro of rabbit hemorrhagic disease virus subgenomic RNA by internal initiation on (-)sense genomic RNA: mapping of a subgenomic promoter. <i>Journal of Biological Chemistry</i> , 2004 , 279, 17013-8	5.4	31
34	Vertical transmission of bovine spongiform encephalopathy prions evaluated in a transgenic mouse model. <i>Journal of Virology</i> , 2005 , 79, 8665-8	6.6	31
33	Genome comparison of a nonpathogenic myxoma virus field strain with its ancestor, the virulent Lausanne strain. <i>Journal of Virology</i> , 2009 , 83, 2397-403	6.6	26
32	Sex-specific embryonic origin of postnatal phenotypic variability. <i>Reproduction, Fertility and Development</i> , 2012 , 25, 38-47	1.8	25
31	Effect of stem cell activation, culture media of manipulated embryos, and site of embryo transfer in the production of F0 embryonic stem cell mice. <i>Biology of Reproduction</i> , 2009 , 80, 1216-22	3.9	23
30	Transcriptional and post-transcriptional regulation of retrotransposons IAP and MuERV-L affect pluripotency of mice ES cells. <i>Reproductive Biology and Endocrinology</i> , 2006 , 4, 55	5	21
29	Effect of long-term culture of mouse embryonic stem cells under low oxygen concentration as well as on glycosaminoglycan hyaluronan on cell proliferation and differentiation. <i>Cell Proliferation</i> , 2011 , 44, 75-85	7.9	20
28	Development, molecular composition and freeze tolerance of bovine embryos cultured in TCM-199 supplemented with hyaluronan. <i>Zygote</i> , 2008 , 16, 39-47	1.6	19
27	The proximal promoter region of mTert is sufficient to regulate telomerase activity in ES cells and transgenic animals. <i>Reproductive Biology and Endocrinology</i> , 2006 , 4, 5	5	18
26	Isolation of an attenuated myxoma virus field strain that can confer protection against myxomatosis on contacts of vaccinates. <i>Archives of Virology</i> , 2000 , 145, 759-71	2.6	18
25	Emerging role of extracellular vesicles in communication of preimplantation embryos in vitro. <i>Reproduction, Fertility and Development</i> , 2016 , 29, 66-83	1.8	17
24	Inadvertent transgenesis by conventional ICSI in mice. <i>Human Reproduction</i> , 2005 , 20, 3313-7	5.7	17
23	Iberian pig mesenchymal stem/stromal cells from dermal skin, abdominal and subcutaneous adipose tissues, and peripheral blood: in vitro characterization and migratory properties in inflammation. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 178	8.3	15
22	Intracytoplasmic sperm injection using DNA-fragmented sperm in mice negatively affects embryo-derived embryonic stem cells, reduces the fertility of male offspring and induces heritable changes in epialleles. <i>PLoS ONE</i> , 2014 , 9, e95625	3.7	14
21	Safety evaluation of a recombinant myxoma-RHDV virus inducing horizontal transmissible protection against myxomatosis and rabbit haemorrhagic disease. <i>Vaccine</i> , 2000 , 19, 174-82	4.1	14

20	Inadvertent presence of pluripotent cells in monolayers derived from differentiated embryoid bodies. <i>International Journal of Developmental Biology</i> , 2007 , 51, 397-407	1.9	14
19	An efficient system to establish biopsy-derived trophoblastic cell lines from bovine embryos. <i>Biology of Reproduction</i> , 2014 , 91, 15	3.9	13
18	Most regions of mouse epididymis are able to phagocytose immature germ cells. <i>Reproduction</i> , 2013 , 146, 481-9	3.8	13
17	The role of prion protein in stem cell regulation. <i>Reproduction</i> , 2013 , 146, R91-9	3.8	13
16	Local administration of porcine immunomodulatory, chemotactic and angiogenic extracellular vesicles using engineered cardiac scaffolds for myocardial infarction. <i>Bioactive Materials</i> , 2021 , 6, 3314-3327	16.7	13
15	Tet-mediated imprinting erasure in H19 locus following reprogramming of spermatogonial stem cells to induced pluripotent stem cells. <i>Scientific Reports</i> , 2015 , 5, 13691	4.9	12
14	Bovine peripheral blood MSCs chemotax towards inflammation and embryo implantation stimuli. <i>Journal of Cellular Physiology</i> , 2021 , 236, 1054-1067	7	9
13	Bovine endometrial MSC: mesenchymal to epithelial transition during luteolysis and tropism to implantation niche for immunomodulation. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 23	8.3	8
12	99 EXTRACELLULAR VESICLES OF BOVINE OVIDUCTAL FLUID MODIFY THE GENE EXPRESSION ON BOVINE IN VITRO-DERIVED EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2016 , 28, 179	1.8	4
11	Prion protein in ESC regulation. <i>Prion</i> , 2011 , 5, 169-71	2.3	3
10	Differential effects of culture and nuclear transfer on relative transcript levels of genes with key roles during preimplantation. <i>Zygote</i> , 2006 , 14, 81-7	1.6	3
9	Embryonic Trophectoderm Secretomics Reveals Chemotactic Migration and Intercellular Communication of Endometrial and Circulating MSCs in Embryonic Implantation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
8	Lytic cycle of <i>Besnoitia besnoiti</i> tachyzoites displays similar features in primary bovine endothelial cells and fibroblasts. <i>Parasites and Vectors</i> , 2019 , 12, 517	4	2
7	Characterisation of the deleted in azoospermia like (Dazl)-green fluorescent protein mouse model generated by a two-step embryonic stem cell-based strategy to identify pluripotent and germ cells. <i>Reproduction, Fertility and Development</i> , 2015 ,	1.8	2
6	Maintenance of Pluripotency in Mouse Stem Cells: Use of Hyaluronan in the Long-Term Culture. <i>Stem Cells and Cancer Stem Cells</i> , 2012 , 123-133		1
5	Germ-cell culture conditions facilitate the production of mouse embryonic stem cells. <i>Molecular Reproduction and Development</i> , 2014 , 81, 794-804	2.6	
4	Postnatal Effects of Sperm Chromatin Damage 2011 , 465-478		
3	TRANSGENERATIONAL EPIGENETIC ALTERATIONS IN MICE PRODUCED BY IN VITRO CULTURE. <i>Biology of Reproduction</i> , 2007 , 77, 187-187	3.9	

- 2 A Biopsy-Derived Trophectoderm Cell Line for Bovine Embryo Genotyping.. *Biology of Reproduction*, **2012**, 87, 554-554 3.9
- 1 Postnatal Effects of Sperm Chromatin Damage **2013**, 277-296