

Miguel Ángel RamÃ- rez

List of Publications by Year in descending order

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62
papers

3,163
citations

236612

25
h-index

174990

52
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65
all docs

65
docs citations

65
times ranked

4036
citing authors

#	ARTICLE	IF	CITATIONS
1	World Scientists's™ Warning to Humanity: A Second Notice. <i>BioScience</i> , 2017, 67, 1026-1028.	2.2	817
2	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, 5880-5885.	3.3	351
3	Long-Term Effects of Mouse Intracytoplasmic Sperm Injection with DNA-Fragmented Sperm on Health and Behavior of Adult Offspring ¹ . <i>Biology of Reproduction</i> , 2008, 78, 761-772.	1.2	311
4	Extracellular Vesicles from BOEC in In Vitro Embryo Development and Quality. <i>PLoS ONE</i> , 2016, 11, e0148083.	1.1	145
5	Early detection of PrP ^{res} in BSE-infected bovine PrP transgenic mice. <i>Archives of Virology</i> , 2003, 148, 677-691.	0.9	119
6	Effect of bovine oviductal extracellular vesicles on embryo development and quality in vitro. <i>Reproduction</i> , 2017, 153, 461-470.	1.1	110
7	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, 502-510.	1.0	85
8	Developmental Consequences of Sexual Dimorphism During Pre-implantation Embryonic Development. <i>Reproduction in Domestic Animals</i> , 2006, 41, 54-62.	0.6	76
9	Suboptimal in vitro culture conditions: an epigenetic origin of long-term health effects. <i>Molecular Reproduction and Development</i> , 2007, 74, 1149-1156.	1.0	73
10	Histone Modifications at the Blastocyst Axin1/Fu Locus Mark the Heritability of In Vitro Culture-Induced Epigenetic Alterations in Mice ¹ . <i>Biology of Reproduction</i> , 2010, 83, 720-727.	1.2	67
11	Long-term and transgenerational effects of in vitro culture on mouse embryos. <i>Theriogenology</i> , 2012, 77, 785-793.	0.9	59
12	Subclinical Bovine Spongiform Encephalopathy Infection in Transgenic Mice Expressing Porcine Prion Protein. <i>Journal of Neuroscience</i> , 2004, 24, 5063-5069.	1.7	56
13	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, 2156-2164.	1.7	44
14	Human Endometrial CD98 Is Essential for Blastocyst Adhesion. <i>PLoS ONE</i> , 2010, 5, e13380.	1.1	41
15	First field trial of a transmissible recombinant vaccine against myxomatosis and rabbit hemorrhagic disease. <i>Vaccine</i> , 2001, 19, 4536-4543.	1.7	40
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.	8.6	40
17	Culture of bovine embryos in intermediate host oviducts with emphasis on the isolated mouse oviduct. <i>Theriogenology</i> , 2010, 73, 777-785.	0.9	39
18	Effect of Transgene Concentration, Flanking Matrix Attachment Regions, and RecA-Coating on the Efficiency of Mouse Transgenesis Mediated by Intracytoplasmic Sperm Injection ¹ . <i>Biology of Reproduction</i> , 2007, 76, 336-343.	1.2	38

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19	Prion Protein Expression Regulates Embryonic Stem Cell Pluripotency and Differentiation. <i>PLoS ONE</i> , 2011, 6, e18422.	1.1	37
20	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, 6237-6246.	1.3	36
21	Synthesis in Vitro of Rabbit Hemorrhagic Disease Virus Subgenomic RNA by Internal Initiation on (â€“)Sense Genomic RNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 17013-17018.	1.6	35
22	Vertical Transmission of Bovine Spongiform Encephalopathy Prions Evaluated in a Transgenic Mouse Model. <i>Journal of Virology</i> , 2005, 79, 8665-8668.	1.5	34
23	Proteinase K enhanced immunoreactivity of the prion protein-specific monoclonal antibody 2A11. <i>Neuroscience Research</i> , 2004, 48, 75-83.	1.0	33
24	Sex-specific embryonic origin of postnatal phenotypic variability. <i>Reproduction, Fertility and Development</i> , 2013, 25, 38.	0.1	31
25	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.	2.4	29
26	Genome Comparison of a Nonpathogenic Myxoma Virus Field Strain with Its Ancestor, the Virulent Lausanne Strain. <i>Journal of Virology</i> , 2009, 83, 2397-2403.	1.5	27
27	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.	1.4	26
28	Effect of Stem Cell Activation, Culture Media of Manipulated Embryos, and Site of Embryo Transfer in the Production of FO Embryonic Stem Cell Mice1. <i>Biology of Reproduction</i> , 2009, 80, 1216-1222.	1.2	26
29	Development, molecular composition and freeze tolerance of bovine embryos cultured in TCM-199 supplemented with hyaluronan. <i>Zygote</i> , 2008, 16, 39-47.	0.5	25
30	Emerging role of extracellular vesicles in communication of preimplantation embryos in vitro. <i>Reproduction, Fertility and Development</i> , 2017, 29, 66.	0.1	25
31	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.	2.4	23
32	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, 759-771.	0.9	22
33	Bovine peripheral blood MSCs chemotax towards inflammation and embryo implantation stimuli. <i>Journal of Cellular Physiology</i> , 2021, 236, 1054-1067.	2.0	22
34	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.	1.4	20
35	An Efficient System to Establish Biopsy-Derived Trophoblastic Cell Lines from Bovine Embryos1. <i>Biology of Reproduction</i> , 2014, 91, 15.	1.2	20
36	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.	1.0	20

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37	Inadvertent transgenesis by conventional ICSI in mice. <i>Human Reproduction</i> , 2005, 20, 3313-3317.	0.4	18
38	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.	1.6	18
39	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.	1.1	17
40	Safety evaluation of a recombinant myxoma-RHDV virus inducing horizontal transmissible protection against myxomatosis and rabbit haemorrhagic disease. <i>Vaccine</i> , 2000, 19, 174-182.	1.7	16
41	The role of prion protein in stem cell regulation. <i>Reproduction</i> , 2013, 146, R91-R99.	1.1	16
42	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.	2.4	15
43	Inadvertent presence of pluripotent cells in monolayers derived from differentiated embryoid bodies. <i>International Journal of Developmental Biology</i> , 2007, 51, 397-408.	0.3	15
44	Most regions of mouse epididymis are able to phagocytose immature germ cells. <i>Reproduction</i> , 2013, 146, 481-489.	1.1	14
45	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, 5638.	1.8	13
46	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.	0.1	4
47	Differential effects of culture and nuclear transfer on relative transcript levels of genes with key roles during preimplantation. <i>Zygote</i> , 2006, 14, 81-87.	0.5	3
48	Prion protein in ESC regulation. <i>Prion</i> , 2011, 5, 169-171.	0.9	3
49	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> , 2016, 28, 1741.	0.1	3
50	Comparison of Biological Features of Wild European Rabbit Mesenchymal Stem Cells Derived from Different Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6420.	1.8	3
51	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.	0.1	1
52	Mesenchymal Stem Cells in Embryo-Maternal Communication under Healthy Conditions or Viral Infections: Lessons from a Bovine Model. <i>Cells</i> , 2022, 11, 1858.	1.8	1
53	Postnatal Effects of Sperm Chromatin Damage. , 2011, , 465-478.		0
54	Germ cell culture conditions facilitate the production of mouse embryonic stem cells. <i>Molecular Reproduction and Development</i> , 2014, 81, 794-804.	1.0	0

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55	177 GENERATION OF ES CELLS AND TRANSGENIC MICE EXPRESSING MTERT-GFP AS A MARKER OF PLURIPOTENTIAL CELLS. <i>Reproduction, Fertility and Development</i> , 2005, 17, 239.	0.1	0
56	146 THE EFFECT OF CULTURE TEMPERATURE ON THE CLEAVAGE, DEVELOPMENT, AND GENE TRANSCRIPTION PATTERNS OF BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2005, 17, 223.	0.1	0
57	1 LONG TERM HEALTH AND BEHAVIOR OF ICSI PRODUCED MICE. <i>Reproduction, Fertility and Development</i> , 2005, 17, 151.	0.1	0
58	203 EFFECT OF OXYGEN TENSION AND SUBSTRATE ON GROWTH AND DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 209.	0.1	0
59	TRANSGENERATIONAL EPIGENETIC ALTERATIONS IN MICE PRODUCED BY IN VITRO CULTURE. <i>Biology of Reproduction</i> , 2007, 77, 187-187.	1.2	0
60	A Biopsy-Derived Trophectoderm Cell Line for Bovine Embryo Genotyping. <i>Biology of Reproduction</i> , 2012, 87, 554-554.	1.2	0
61	Postnatal Effects of Sperm Chromatin Damage. , 2013, , 277-296.		0
62	250 ALL REGIONS OF THE MOUSE EPIDIDYMIS ARE ABLE TO PHAGOCYTIZE IMMATURE SPERMATOGENIC CELLS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 272.	0.1	0