

Ramiro Alberio

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,511
citations

230014

27
h-index

232693

48
g-index

71
all docs

71
docs citations

71
times ranked

2796
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vitro</i> culture of ovine embryos up to early gastrulating stages. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	11
2	Specification and epigenomic resetting of the pig germline exhibit conservation with the human lineage. <i>Cell Reports</i> , 2021, 34, 108735.	2.9	43
3	Nuclear transfer and the development of genetically modified/gene edited livestock. <i>Reproduction</i> , 2021, 162, F59-F68.	1.1	4
4	Conserved features of non-primate bilaminar disc embryos and the germline. <i>Stem Cell Reports</i> , 2021, 16, 1078-1092.	2.3	21
5	Germline competent mesoderm: the substrate for vertebrate germline and somatic stem cells?. <i>Biology Open</i> , 2021, 10, .	0.6	3
6	Andrew Johnson (1958-2021). <i>Development (Cambridge)</i> , 2021, 148, .	1.2	0
7	Pluripotent stem cells related to embryonic disc exhibit common self-renewal requirements in diverse livestock species. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	35
8	Regulation of Cell Fate Decisions in Early Mammalian Embryos. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 377-393.	3.6	23
9	Untangling early embryo development using single cell genomics. <i>Theriogenology</i> , 2020, 150, 55-58.	0.9	1
10	A dose-dependent response to MEK inhibition determines hypoblast fate in bovine embryos. <i>BMC Developmental Biology</i> , 2019, 19, 13.	2.1	22
11	Pluripotency and X chromosome dynamics revealed in pig pre-gastrulating embryos by single cell analysis. <i>Nature Communications</i> , 2019, 10, 500.	5.8	91
12	Transcriptional and epigenetic control of cell fate decisions in early embryos. <i>Reproduction, Fertility and Development</i> , 2018, 30, 73.	0.1	7
13	States and Origins of Mammalian Embryonic Pluripotency In Vivo and in a Dish. <i>Current Topics in Developmental Biology</i> , 2018, 128, 151-179.	1.0	9
14	Exogenous human OKSM factors maintain pluripotency gene expression of bovine and porcine iPS-like cells obtained with STEMCCA delivery system. <i>BMC Research Notes</i> , 2018, 11, 509.	0.6	17
15	A Lexicon of DNA Modifications: Their Roles in Embryo Development and the Germline. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 24.	1.8	16
16	Cancer reversion with oocyte extracts is mediated by cell cycle arrest and induction of tumour dormancy. <i>Oncotarget</i> , 2018, 9, 16008-16027.	0.8	11
17	Principles of early human development and germ cell program from conserved model systems. <i>Nature</i> , 2017, 546, 416-420.	13.7	245
18	Mechanisms of Vertebrate Germ Cell Determination. <i>Advances in Experimental Medicine and Biology</i> , 2017, 953, 383-440.	0.8	13

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19	Epigenetics and developmental programming of welfare and production traits in farm animals. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1443.	0.1	78
20	Actin Depolymerization Is Associated with Meiotic Acceleration in Cycloheximide-Treated Ovine Oocytes. <i>Biology of Reproduction</i> , 2015, 92, 103.	1.2	10
21	Primordial germ cells: the first cell lineage or the last cells standing?. <i>Development (Cambridge)</i> , 2015, 142, 2730-2739.	1.2	60
22	Ovine Induced Pluripotent Stem Cells Are Resistant to Reprogramming after Nuclear Transfer. <i>Cellular Reprogramming</i> , 2015, 17, 19-27.	0.5	23
23	Can we make a placenta in the Petri dish?. <i>Reproduction</i> , 2014, 147, E3.	1.1	0
24	Paracrine effects of embryo-derived FGF4 and BMP4 during pig trophoblast elongation. <i>Developmental Biology</i> , 2014, 387, 15-27.	0.9	55
25	Isolation and Culture of Pig Epiblast Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1074, 97-110.	0.4	1
26	Modulation of Pluripotency in the Porcine Embryo and iPS Cells. <i>PLoS ONE</i> , 2012, 7, e49079.	1.1	78
27	A gene expression atlas of the domestic pig. <i>BMC Biology</i> , 2012, 10, 90.	1.7	199
28	Recent Advances in Stem and Germ Cell Research: Implications for the Derivation of Pig Pluripotent Cells. <i>Reproduction in Domestic Animals</i> , 2012, 47, 98-106.	0.6	12
29	Epigenetic Reprogramming with Oocyte Molecules. , 2011, , 45-57.		0
30	Epigenetic reprogramming of breast cancer cells with oocyte extracts. <i>Molecular Cancer</i> , 2011, 10, 7.	7.9	52
31	Epigenetic reprogramming in the porcine germ line. <i>BMC Developmental Biology</i> , 2011, 11, 11.	2.1	44
32	The Sda/GM2-glycan is a carbohydrate marker of porcine primordial germ cells and of a subpopulation of spermatogonia in cattle, pigs, horses and llama. <i>Reproduction</i> , 2011, 142, 667-674.	1.1	27
33	A-type lamin dynamics in bovine somatic cell nuclear transfer embryos. <i>Reproduction, Fertility and Development</i> , 2010, 22, 956.	0.1	6
34	Axolotl <i>Nanog</i> activity in mouse embryonic stem cells demonstrates that ground state pluripotency is conserved from urodele amphibians to mammals. <i>Development (Cambridge)</i> , 2010, 137, 2973-2980.	1.2	51
35	Pig Epiblast Stem Cells Depend on Activin/Nodal Signaling for Pluripotency and Self-Renewal. <i>Stem Cells and Development</i> , 2010, 19, 1627-1636.	1.1	107
36	Epigenetic marks in somatic chromatin are remodelled to resemble pluripotent nuclei by amphibian oocyte extracts. <i>Epigenetics</i> , 2009, 4, 194-202.	1.3	49

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37	Differential acetylation of histone H4 lysine during development of in vitro fertilized, cloned and parthenogenetically activated bovine embryos. <i>Epigenetics</i> , 2008, 3, 199-209.	1.3	78
38	Contrasting Effects of in Vitro Fertilization and Nuclear Transfer on the Expression of mtDNA Replication Factors. <i>Genetics</i> , 2007, 176, 1511-1526.	1.2	55
39	Aberrant Nucleo-cytoplasmic Cross-Talk Results in Donor Cell mtDNA Persistence in Cloned Embryos. <i>Genetics</i> , 2006, 172, 2515-2527.	1.2	61
40	Reprogramming somatic cells into stem cells. <i>Reproduction</i> , 2006, 132, 709-720.	1.1	43
41	45 NUCLEAR LAMIN A/C EXPRESSION IN BOVINE PARTHENOTES AND NUCLEAR TRANSFER EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 131.	0.1	0
42	121 DEMETHYLATION OF MAMMALIAN SOMATIC DNA BY XENOPUS EGG AND OOCYTE EXTRACTS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 169.	0.1	0
43	Somatic Cell Nuclear Transplantation. , 2006, , 45-51.		2
44	Cloning: Eight Years After Dolly. <i>Reproduction in Domestic Animals</i> , 2005, 40, 256-268.	0.6	88
45	Epigenetics in development and cloning by nuclear transfer: alternative approaches to nuclear reprogramming. , 2005, , 141-154.		0
46	Relationship Between Low-Molecular-Weight Insulin-Like Growth Factor-Binding Proteins, Caspase-3 Activity, and Oocyte Quality1. <i>Biology of Reproduction</i> , 2005, 72, 796-804.	1.2	38
47	Differential nuclear remodeling of mammalian somatic cells by <i>Xenopus laevis</i> oocyte and egg cytoplasm. <i>Experimental Cell Research</i> , 2005, 307, 131-141.	1.2	71
48	Differential staining combined with TUNEL labelling to detect apoptosis in preimplantation bovine embryos. <i>Reproductive BioMedicine Online</i> , 2005, 10, 497-502.	1.1	91
49	151A SIMPLE AND FAST METHOD FOR CONCURRENT DIFFERENTIAL STAINING AND TUNEL LABELLING OF BOVINE BLASTOCYSTS. <i>Reproduction, Fertility and Development</i> , 2004, 16, 197.	0.1	2
50	Epigenetics and nuclear transfer. <i>Lancet, The</i> , 2003, 361, 1239-1240.	6.3	15
51	The Effect of Activation of Mammalian Oocytes on Remodeling of Donor Nuclei after Nuclear Transfer. <i>Cloning and Stem Cells</i> , 2002, 4, 245-252.	2.6	9
52	Bovine Somatic Cell Nuclear Transfer Using Recipient Oocytes Recovered by Ovum Pick-Up: Effect of Maternal Lineage of Oocyte Donors1. <i>Biology of Reproduction</i> , 2002, 66, 367-373.	1.2	55
53	Nuclear transfer in cattle with non-transfected and transfected fetal or cloned transgenic fetal and postnatal fibroblasts. <i>Molecular Reproduction and Development</i> , 2001, 60, 362-369.	1.0	91
54	Remodeling of donor nuclei, DNA-synthesis, and ploidy of bovine cumulus cell nuclear transfer embryos: Effect of activation protocol. <i>Molecular Reproduction and Development</i> , 2001, 59, 371-379.	1.0	35

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55	Nuclear Transfer in Practice. Cloning and Stem Cells, 2001, 3, 201-208.	2.6	29
56	Accumulation of the Proteolytic Marker Peptide Ubiquitin in the Trophoblast of Mammalian Blastocysts. Cloning and Stem Cells, 2001, 3, 157-161.	2.6	15
57	Activation of bovine oocytes by specific inhibition of cyclin-dependent kinases. , 2000, 55, 422-432.		29
58	Attainment of Puberty in the European Mouflon (<i>Ovis gmelini musimon</i>) and the Domestic Manchega Ewe (<i>Ovis aries</i>). Reproduction in Domestic Animals, 2000, 35, 49-52.	0.6	17
59	Behavior of M-phase synchronized blastomeres after nuclear transfer in cattle. Molecular Reproduction and Development, 2000, 57, 37-47.	1.0	21
60	Intracytoplasmic sperm injection in bovine: Effects of oocyte activation, sperm pretreatment and injection technique. Theriogenology, 2000, 54, 935-948.	0.9	72
61	Behavior of M-phase synchronized blastomeres after nuclear transfer in cattle. Molecular Reproduction and Development, 2000, 57, 37-47.	1.0	6
62	Cell-Cycle Control and Oocyte Maturation: Review of Literature. Reproduction in Domestic Animals, 1999, 34, 335-342.	0.6	7
63	Adult cloning in cattle: Potential of nuclei from a permanent cell line and from primary cultures. Molecular Reproduction and Development, 1999, 54, 264-272.	1.0	152
64	Simulating gastrulation development and germ cell fate in vitro using human and monkey pluripotent stem cells. Protocol Exchange, 0, , .	0.3	1