Pasqualino Loi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9398751/publications.pdf

Version: 2024-02-01

77 papers	2,496 citations	201385 27 h-index	205818 48 g-index
80 all docs	80 docs citations	80 times ranked	1925 citing authors

#	Article	IF	Citations
1	Long-term storage of gametes and gonadal tissues at room temperatures: the end of the ice age?. Journal of Assisted Reproduction and Genetics, 2022, 39, 321-325.	1.2	5
2	Nucleus reprogramming/remodeling through selective enucleation (SE) of immature oocytes and zygotes: a nucleolus point of view. Journal of Reproduction and Development, 2022, 68, 165-172.	0.5	1
3	Short Communication: Maternal undernutrition during peri-conceptional period affects whole genome ovine muscle methylation in adult offspring. Journal of Animal Science, 2022, , .	0.2	1
4	The impaired development of sheep ICSI derived embryos is not related to centriole dysfunction. Theriogenology, 2021, 159, 7-12.	0.9	8
5	Scientific and technological approaches to improve SCNT efficiency in farm animals and pets. Reproduction, 2021, 162, F33-F43.	1.1	5
6	Interspecific ICSI for the Assessment of Sperm DNA Damage: Technology Report. Animals, 2021, 11, 1250.	1.0	2
7	The ART of bringing extinction to a freeze â€“ History and future of species conservation, exemplified by rhinos. Theriogenology, 2021, 169, 76-88.	0.9	30
8	Programming of Embryonic Development. International Journal of Molecular Sciences, 2021, 22, 11668.	1.8	15
9	Controlled spermatozoaâ€“oocyte interaction improves embryo quality in sheep. Scientific Reports, 2021, 11, 22629.	1.6	6
10	Nuclear Transfer Technology and Its Use in Reproductive Medicine. , 2021, , 148-153.		0
11	Whole genome integrity and enhanced developmental potential in ram freeze-dried spermatozoa at mild sub-zero temperature. Scientific Reports, 2020, 10, 18873.	1.6	12
12	Late Embryogenesis Abundant (LEA) proteins confer water stress tolerance to mammalian somatic cells. Cryobiology, 2020, 92, 189-196.	0.3	17
13	Dry biobanking as a conservation tool in the Anthropocene. Theriogenology, 2020, 150, 130-138.	0.9	14
14	The nucleolus-like and precursor bodies of mammalian oocytes and embryos and their possible role in post-fertilization centromere remodelling. Biochemical Society Transactions, 2020, 48, 581-593.	1.6	11
15	Maternal peri-conceptional undernourishment perturbs offspring sperm methylome. Reproduction, 2020, 159, 513-523.	1.1	18
16	Dissecting the role of the germinal vesicle nuclear envelope and soluble content in the process of somatic cell remodelling and reprogramming. Journal of Reproduction and Development, 2019, 65, 433-441.	0.5	5
17	Function of atypical mammalian oocyte/zygote nucleoli and its implications for reproductive biology and medicine. International Journal of Developmental Biology, 2019, 63, 105-112.	0.3	9
18	Somatic cell nuclear transfer: failures, successes and the challenges ahead. International Journal of Developmental Biology, 2019, 63, 123-130.	0.3	53

#	Article	IF	Citations
19	Exploring dry storage as an alternative biobanking strategy inspired by Nature. Theriogenology, 2019, 126, 17-27.	0.9	19
20	Freeze-dried spermatozoa: An alternative biobanking option for endangered species. Animal Reproduction Science, 2018, 190, 85-93.	0.5	33
21	Embryos and embryonic stem cells from the white rhinoceros. Nature Communications, 2018, 9, 2589.	5.8	73
22	DNA fragmentation in epididymal freeze-dried ram spermatozoa impairs embryo development. Journal of Reproduction and Development, 2018, 64, 393-400.	0.5	21
23	Development to term of sheep embryos reconstructed after inner cell mass/trophoblast exchange. Journal of Reproduction and Development, 2018, 64, 187-191.	0.5	2
24	Nuclear quiescence and histone hyper-acetylation jointly improve protamine-mediated nuclear remodeling in sheep fibroblasts. PLoS ONE, 2018, 13, e0193954.	1.1	10
25	Genome-Wide Epigenetic Characterization of Tissues from Three Germ Layers Isolated from Sheep Fetuses. Frontiers in Genetics, 2017, 8, 115.	1.1	11
26	Evidence of Placental Autophagy during Early Pregnancy after Transfer of In Vitro Produced (IVP) Sheep Embryos. PLoS ONE, 2016, 11, e0157594.	1.1	10
27	Plasma membrane and acrosome loss before ICSI is required for sheep embryonic development. Journal of Assisted Reproduction and Genetics, 2016, 33, 757-763.	1.2	15
28	A New, Dynamic Era for Somatic Cell Nuclear Transfer?. Trends in Biotechnology, 2016, 34, 791-797.	4.9	77
29	Synergies between assisted reproduction technologies and functional genomics. Genetics Selection Evolution, 2016, 48, 53.	1.2	11
30	Remodeling somatic nuclei via exogenous expression of protamine 1 to create spermatid-like structures for somatic nuclear transfer. Nature Protocols, 2016, 11, 2170-2188.	5.5	24
31	Rewinding the process of mammalian extinction. Zoo Biology, 2016, 35, 280-292.	0.5	99
32	Exogenous Expression of Human Protamine 1 (hPrm1) Remodels Fibroblast Nuclei into Spermatid-like Structures. Cell Reports, 2015, 13, 1765-1771.	2.9	39
33	Mitochondrial replacement: from basic research to assisted reproductive technology portfolio toolâ€"technicalities and possible risks. Molecular Human Reproduction, 2015, 21, 3-10.	1.3	43
34	Impaired Placental Vasculogenesis Compromises the Growth of Sheep Embryos Developed In Vitro1. Biology of Reproduction, 2014, 91, 21.	1.2	20
35	Cloning Endangered Species. , 2014, , 353-365.		0
36	Cloning the Mammoth: A Complicated Task or Just a Dream?. Advances in Experimental Medicine and Biology, 2014, 753, 489-502.	0.8	8

#	Article	IF	Citations
37	Autophagy and apoptosis: parent-of-origin genome-dependent mechanisms of cellular self-destruction. Open Biology, 2014, 4, 140027.	1.5	6
38	The ups and downs of somatic cell nucleus transfer (SCNT) in humans. Journal of Assisted Reproduction and Genetics, 2013, 30, 1055-1058.	1.2	5
39	Towards storage of cells and gametes in dry form. Trends in Biotechnology, 2013, 31, 688-695.	4.9	41
40	A Simplified Approach for Oocyte Enucleation in Mammalian Cloning. Cellular Reprogramming, 2013, 15, 490-494.	0.5	23
41	Post-implantation mortality of in vitro produced embryos is associated with DNA methyltransferase 1 dysfunction in sheep placenta. Human Reproduction, 2013, 28, 298-305.	0.4	37
42	Differentiation potential and GFP labeling of sheep bone marrowâ€derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2013, 114, 134-143.	1.2	15
43	Sheep: The First Large Animal Model in Nuclear Transfer Research. Cellular Reprogramming, 2013, 15, 367-373.	0.5	5
44	Genomic Stability of Lyophilized Sheep Somatic Cells before and after Nuclear Transfer. PLoS ONE, 2013, 8, e51317.	1.1	19
45	A short exposure to polychlorinated biphenyls deregulates cellular autophagy in mammalian blastocyst in vitro. Human Reproduction, 2012, 27, 1034-1042.	0.4	29
46	Embryonic Diapause Is Conserved across Mammals. PLoS ONE, 2012, 7, e33027.	1.1	94
47	Gene Expression/Phenotypic Abnormalities in Placental Tissues of Sheep Clones: Insurmountable Block in Cloning Progress?. Epigenetics and Human Health, 2011, , 85-96.	0.2	0
48	Interspecies somatic cell nuclear transfer: a salvage tool seeking first aid. Theriogenology, 2011, 76, 217-228.	0.9	80
49	Genome of non-living cells: trash or recycle?. Reproduction, 2011, 142, 497-503.	1.1	1
50	Efficient Production and Cellular Characterization of Sheep Androgenetic Embryos. Cellular Reprogramming, 2011, 13, 495-502.	0.5	10
51	Transplantation of nucleoli into human zygotes: not as simple as expected?. Journal of Assisted Reproduction and Genetics, 2011, 28, 385-389.	1.2	7
52	Hope for the Mammoth?. Cloning and Stem Cells, 2009, 11, 1-4.	2.6	15
53	Epigenetic Mechanisms in Mammals and Their Effects on Cloning Procedures. , 2009, , 559-579.		2
54	Asymmetric nuclear reprogramming in somatic cell nuclear transfer?. BioEssays, 2008, 30, 66-74.	1.2	26

#	Article	IF	Citations
55	Nuclear reprogramming: what has been done and potential avenues for improvements. Open Life Sciences, 2008, 3, 211-223.	0.6	3
56	Cybrid human embryos â€“ warranting opportunities to augment embryonic stem cell research. Trends in Biotechnology, 2008, 26, 469-474.	4.9	8
57	Freeze-Dried Somatic Cells Direct Embryonic Development after Nuclear Transfer. PLoS ONE, 2008, 3, e2978.	1.1	82
58	Development of Sheep Androgenetic Embryos Is Boosted following Transfer of Male Pronuclei into Androgenetic Hemizygotes. Cloning and Stem Cells, 2007, 9, 374-381.	2.6	11
59	Cloning of endangered mammalian species: any progress?. Trends in Biotechnology, 2007, 25, 195-200.	4.9	27
60	Placental abnormalities associated with post-natal mortality in sheep somatic cell clones. Theriogenology, 2006, 65, 1110-1121.	0.9	69
61	Leukaemia inhibitory factor enhances sheep fertilization in vitro via an influence on the oocyte. Theriogenology, 2006, 65, 1891-1899.	0.9	35
62	Developmental and functional evidence of nuclear immaturity in prepubertal oocytes. Human Reproduction, 2006, 21, 2228-2237.	0.4	36
63	The absence of a DNA replication checkpoint in porcine zygotes. Zygote, 2006, 14, 33-37.	0.5	2
64	The effect of interspecific oocytes on demethylation of sperm DNA. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7636-7640.	3.3	112
65	Nucleus transfer in mammals: noninvasive approaches for the preparation of cytoplasts. Trends in Biotechnology, 2004, 22, 279-283.	4.9	42
66	Amphibian and mammal somatic-cell cloning: different species, common results?. Trends in Biotechnology, 2003, 21, 471-473.	4.9	6
67	Conservation of IGF2-H19 and IGF2R imprinting in sheep: effects of somatic cell nuclear transfer. Mechanisms of Development, 2003, 120, 1433-1442.	1.7	112
68	Donor-Dependent Developmental Competence of Oocytes from Lambs Subjected to Repeated Hormonal Stimulation1. Biology of Reproduction, 2003, 69, 278-285.	1.2	38
69	Nuclei of Nonviable Ovine Somatic Cells Develop into Lambs after Nuclear Transplantation. Biology of Reproduction, 2002, 67, 126-132.	1.2	56
70	Improving Delivery and Offspring Viability of In Vitro-Produced and Cloned Sheep Embryos1. Biology of Reproduction, 2002, 67, 1719-1725.	1.2	36
71	Preservation of the Wild European Mouflon: The First Example of Genetic Management Using a Complete Program of Reproductive Biotechnologies. Biology of Reproduction, 2002, 66, 796-801.	1.2	71
72	Cloning advances and challenges for conservation. Trends in Biotechnology, 2002, 20, 233.	4.9	0

#	Article	IF	Citations
73	Genetic rescue of an endangered mammal by cross-species nuclear transfer using post-mortem somatic cells. Nature Biotechnology, 2001, 19, 962-964.	9.4	387
74	Offspring from One-Month-Old Lambs: Studies on the Developmental Capability of Prepubertal Oocytes1. Biology of Reproduction, 1999, 61, 1568-1574.	1.2	94
75	Genomic imprinting in ruminants: allele-specific gene expression in parthenogenetic sheep. Mammalian Genome, 1998, 9, 831-834.	1.0	64
76	Cloning by somatic cell nuclear transfer. BioEssays, 1998, 20, 847-851.	1.2	36
77	Embryo transfer and related technologies in sheep reproduction. Reproduction, Nutrition, Development, 1998, 38, 615-628.	1.9	25