

Fiammetta Berlinguer

List of Publications by Year in descending order

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65
papers

1,532
citations

257357

24
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345118

36
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all docs

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docs citations

67
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin protects ram spermatozoa from cryopreservation injuries in a dose-dependent manner. <i>Journal of Pineal Research</i> , 2011, 50, 310-318.	3.4	134
2	Vitrification of in vitro matured ovine oocytes affects in vitro pre-implantation development and mRNA abundance. <i>Molecular Reproduction and Development</i> , 2008, 75, 538-546.	1.0	86
3	Vitrification devices affect structural and molecular status of in vitro matured ovine oocytes. <i>Molecular Reproduction and Development</i> , 2007, 74, 1337-1344.	1.0	74
4	Relations between relative mRNA abundance and developmental competence of ovine oocytes. <i>Molecular Reproduction and Development</i> , 2007, 74, 249-257.	1.0	68
5	Differences in the Kinetic of the First Meiotic Division and in Active Mitochondrial Distribution between Prepubertal and Adult Oocytes Mirror Differences in their Developmental Competence in a Sheep Model. <i>PLoS ONE</i> , 2015, 10, e0124911.	1.1	63
6	Influence of cadmium exposure on in vitro ovine gamete dysfunction. <i>Reproductive Toxicology</i> , 2002, 16, 371-377.	1.3	57
7	Exogenous melatonin positively influences follicular dynamics, oocyte developmental competence and blastocyst output in a goat model. <i>Journal of Pineal Research</i> , 2009, 46, 383-391.	3.4	56
8	Soybean lecithin-based extender preserves spermatozoa membrane integrity and fertilizing potential during goat semen cryopreservation. <i>Theriogenology</i> , 2015, 83, 1064-1074.	0.9	49
9	Delay on the in vitro kinetic development of prepubertal ovine embryos. <i>Animal Reproduction Science</i> , 2006, 92, 373-383.	0.5	45
10	A Low Oxygen Atmosphere during IVF Accelerates the Kinetic of Formation of In Vitro Produced Ovine Blastocysts. <i>Reproduction in Domestic Animals</i> , 2007, 42, 299-304.	0.6	43
11	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. <i>Theriogenology</i> , 2007, 68, 107-114.	0.9	42
12	In vitro production and cryotolerance of prepubertal and adult goat blastocysts obtained from oocytes collected by laparoscopic oocyte-pick-up (LOPU) after FSH treatment. <i>Reproduction, Fertility and Development</i> , 2009, 21, 901.	0.1	39
13	Expression pattern of zygote arrest 1 (ZAR1), maternal antigen that embryo requires (MATER), growth differentiation factor 9 (GDF9) and bone morphogenetic protein 15 (BMP15) genes in ovine oocytes and in vitro-produced preimplantation embryos. <i>Reproduction, Fertility and Development</i> , 2008, 20, 908.	0.1	35
14	Dose-dependent effect of melatonin on postwarming development of vitrified ovine embryos. <i>Theriogenology</i> , 2014, 81, 1058-1066.	0.9	35
15	Predictive value of antral follicle count and anti-Müllerian hormone for follicle and oocyte developmental competence during the early prepubertal period in a sheep model. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1094.	0.1	33
16	Semen molecular and cellular features: these parameters can reliably predict subsequent ART outcome in a goat model. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 125.	1.4	30
17	Effect of storage temperature during transport of ovaries on in vitro embryo production in Iberian red deer (<i>Cervus elaphus hispanicus</i>). <i>Theriogenology</i> , 2011, 75, 65-72.	0.9	30
18	A new selection criterion to assess good quality ovine blastocysts after vitrification and to predict their transfer into recipients. <i>Molecular Reproduction and Development</i> , 2008, 75, 373-382.	1.0	29

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19	Ejaculate collection efficiency and post-thaw semen quality in wild-caught Griffon vultures from the Sardinian population. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 18.	1.4	27
20	Differences in semen freezability and intracellular ATP content between the rooster (<i>Gallus gallus</i>) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	0.9	27
21	A recovery time after warming restores mitochondrial function and improves developmental competence of vitrified ovine oocytes. <i>Theriogenology</i> , 2018, 110, 18-26.	0.9	27
22	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Placental Gene Expression and Fetal Antioxidant Status, DNA-Methylation and Phenotype. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1187.	1.8	27
23	Calcium concentration in vitrification medium affects the developmental competence of in vitro matured ovine oocytes. <i>Theriogenology</i> , 2011, 75, 715-721.	0.9	26
24	Defined media for vitrification, warming, and rehydration: effects on post-thaw protein synthesis and viability of in vitro derived ovine embryos. <i>Cryobiology</i> , 2002, 45, 204-212.	0.3	25
25	Different temporal gene expression patterns for ovine pre-implantation embryos produced by parthenogenesis or in vitro fertilization. <i>Theriogenology</i> , 2010, 74, 712-723.	0.9	23
26	Glucogenic supply increases oocyte developmental competence in sheep. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1055.	0.1	23
27	In vitromaturation is slowed in prepubertal lamb oocytes: ultrastructural evidences. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 115.	1.4	23
28	Raw meat based diet (RMBD) for household pets as potential door opener to parasitic load of domestic and urban environment. Revival of understated zoonotic hazards? A review. <i>One Health</i> , 2021, 13, 100327.	1.5	22
29	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. <i>Domestic Animal Endocrinology</i> , 2007, 32, 303-314.	0.8	21
30	Resumption of metabolic activity of vitrified/warmed ovine embryos. <i>Molecular Reproduction and Development</i> , 2003, 64, 207-213.	1.0	20
31	Melatonin deprivation modifies follicular and corpus luteal growth dynamics in a sheep model. <i>Reproduction</i> , 2014, 147, 885-895.	1.1	20
32	Postnatal pituitary and follicular activation: a revisited hypothesis in a sheep model. <i>Reproduction</i> , 2016, 151, 215-225.	1.1	20
33	Superoxide dismutase affects the viability of thawed European mouflon (<i>Ovis g. musimon</i>) semen and the heterologous fertilization using both IVF and intracytoplasmic sperm injection. <i>Reproduction, Fertility and Development</i> , 2003, 15, 19.	0.1	18
34	Identification and characterization of novel <i>Mycoplasma</i> spp. belonging to the hominis group from griffon vultures. <i>Research in Veterinary Science</i> , 2010, 89, 58-64.	0.9	18
35	In vitro oocyte maturation, fertilization and culture after ovum pick-up in an endangered gazelle (<i>Gazella dama mhorr</i>). <i>Theriogenology</i> , 2008, 69, 349-359.	0.9	14
36	In vivo and in vitro fertilizing capacity of cryopreserved European mouflon [<i>Ovis gmelini musimon</i>] spermatozoa used to restore genetically rare and isolated populations. <i>Theriogenology</i> , 2005, 63, 902-911.	0.9	13

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37	Effects of trehalose co-incubation on in vitro matured prepubertal ovine oocyte vitrification. <i>Cryobiology</i> , 2007, 55, 27-34.	0.3	12
38	Use of a neuroleptic in assisted reproduction of the critically endangered Mohor gazelle (<i>Gazella</i>) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 7	0.9	12
39	Effect of aging on follicular function may be relieved by exogenous gonadotropin treatment in a sheep model. <i>Reproduction</i> , 2012, 144, 245-255.	1.1	12
40	The complete mtDNA sequence of the griffon vulture (<i>Gyps fulvus</i>): Phylogenetic analysis and haplotype frequency variations after restocking in the Sardinian population. <i>Biological Conservation</i> , 2017, 214, 195-205.	1.9	11
41	Effects of short-term administration of a glucogenic mixture at mating on feed intake, metabolism, milk yield and reproductive performance of lactating dairy ewes. <i>Animal Feed Science and Technology</i> , 2018, 243, 10-21.	1.1	11
42	Assessing the effects of different management scenarios on the conservation of small island vulture populations. <i>Bird Conservation International</i> , 2021, 31, 111-128.	0.7	11
43	Cryopreservation of European Mouflon (<i>Ovis Gmelini Musimon</i>) Semen During the non-Breeding Season is Enhanced by the Use of Trehalose. <i>Reproduction in Domestic Animals</i> , 2007, 42, 202-207.	0.6	10
44	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2020, 10, 65.	1.0	10
45	REAC technology as optimizer of stallion spermatozoa liquid storage. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 11.	1.4	9
46	Involvement of E-cadherin in early in vitro development of adult and juvenile sheep embryos. <i>Reproduction, Fertility and Development</i> , 2010, 22, 468.	0.1	8
47	Glucogenic treatment creates an optimal metabolic milieu for the conception period in ewes. <i>Domestic Animal Endocrinology</i> , 2017, 59, 105-115.	0.8	8
48	Modelling the effect of environmental variables on the reproductive success of Griffon Vulture (<i>Gyps fulvus</i>) in Sardinia, Italy. <i>Ibis</i> , 2022, 164, 255-266.	1.0	8
49	Capillary electrophoresis with laser-induced fluorescence detection for ATP quantification in spermatozoa and oocytes. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2109-2116.	1.9	7
50	Effects of melatonin administration on seminal plasma metabolites and sperm fertilization competence during the non-reproductive season in ram. <i>Theriogenology</i> , 2018, 115, 16-22.	0.9	7
51	Structural features of cross-sectional wing bones in the griffon vulture (<i>Gyps</i>) Tj ETQq1 1 0.784314 rgBTj/Overlock 10 Tf 50 7	0.6	7
52	Use of Propylene-Glycol as a Cosolvent for GnRH in Synchronization of Estrus and Ovulation in Sheep. <i>Animals</i> , 2020, 10, 897.	1.0	7
53	Administration of glycerol-based formulations in sheep results in similar ovulation rate to eCG but red blood cell indices may be affected. <i>BMC Veterinary Research</i> , 2020, 16, 207.	0.7	6
54	Recovery of COCs from ovaries with high follicle numbers enhances in vitro embryo yield in sheep. <i>Animal Reproduction Science</i> , 2008, 109, 134-145.	0.5	5

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55	Morphological features and microtubular changes in vitrified ovine oocytes. <i>Theriogenology</i> , 2020, 148, 216-224.	0.9	5
56	Help from the sky: Can vultures contribute to Cystic Echinococcosis control in endemic areas?. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009615.	1.3	5
57	Assessment of Cortisol and DHEA Concentrations in Griffon Vulture (<i>Gyps fulvus</i>) Feathers to Evaluate its Allostatic Load. <i>Annals of Animal Science</i> , 2020, 20, 85-96.	0.6	4
58	Commercial human kits™ applicability for the determination of biochemical parameters in sheep plasma. <i>Journal of Veterinary Medical Science</i> , 2018, 81, 294-297.	0.3	3
59	Towards a Sustainable Reproduction Management of Dairy Sheep: Glycerol-Based Formulations as Alternative to eCG in Milked Ewes Mated at the End of Anoestrus Period. <i>Animals</i> , 2021, 11, 922.	1.0	3
60	Measurement of progesterone in sheep using a commercial ELISA kit for human plasma. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 90-93.	0.5	3
61	Plasma homoarginine concentrations in ewe's pregnancy and association with the number of fetuses. <i>Research in Veterinary Science</i> , 2022, 144, 175-180.	0.9	3
62	Effect of Media with Different Glycerol Concentrations on Sheep Red Blood Cells™ Viability In Vitro. <i>Animals</i> , 2021, 11, 1592.	1.0	2
63	Vitrification of In Vitro Matured Oocytes Collected from Adult and Prepubertal Ovaries in Sheep. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
64	A vanishing raptor in a Mediterranean island: an updated picture of Red kite (<i>Milvus milvus</i>) in Sardinia, Italy. <i>Rivista Italiana Di Ornitologia</i> , 2021, 91, 39-44.	0.3	0
65	Shift in Circulating Serum Protein Fraction (SPF) Levels of Pregnant Jennies and Nutritional Related Aspects at Early-, Mid- and Late Gestation. <i>Animals</i> , 2021, 11, 2646.	1.0	0