

Francesca Mossa

List of Publications by Citations

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35
papers

1,067
citations

17
h-index

32
g-index

39
ext. papers

1,228
ext. citations

2.8
avg, IF

3.79
L-index

#	Paper	IF	Citations
35	Does size matter in females? An overview of the impact of the high variation in the ovarian reserve on ovarian function and fertility, utility of anti-Müllerian hormone as a diagnostic marker for fertility and causes of variation in the ovarian reserve in cattle. <i>Reproduction, Fertility and Development</i> , 2011 , 23, 1-14	1.8	136
34	Low numbers of ovarian follicles \geq 3 mm in diameter are associated with low fertility in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 2355-61	4	110
33	Maternal undernutrition in cows impairs ovarian and cardiovascular systems in their offspring. <i>Biology of Reproduction</i> , 2013 , 88, 92	3.9	102
32	Variation in the ovarian reserve is linked to alterations in intrafollicular estradiol production and ovarian biomarkers of follicular differentiation and oocyte quality in cattle. <i>Biology of Reproduction</i> , 2009 , 80, 954-64	3.9	87
31	Vitrification devices affect structural and molecular status of in vitro matured ovine oocytes. <i>Molecular Reproduction and Development</i> , 2007 , 74, 1337-44	2.6	63
30	Relations between relative mRNA abundance and developmental competence of ovine oocytes. <i>Molecular Reproduction and Development</i> , 2007 , 74, 249-57	2.6	61
29	Concentration of anti-Müllerian hormone in dairy heifers is positively associated with productive herd life. <i>Journal of Dairy Science</i> , 2015 , 98, 3036-45	4	51
28	Effects of maternal environment during gestation on ovarian folliculogenesis and consequences for fertility in bovine offspring. <i>Reproduction in Domestic Animals</i> , 2012 , 47 Suppl 4, 31-7	1.6	48
27	Negative influence of high maternal milk production before and after conception on offspring survival and milk production in dairy cattle. <i>Journal of Dairy Science</i> , 2008 , 91, 329-37	4	42
26	Anti-Müllerian Hormone (AMH) and fertility management in agricultural species. <i>Reproduction</i> , 2017 , 154, R1-R11	3.8	41
25	Evidence that high variation in antral follicle count during follicular waves is linked to alterations in ovarian androgen production in cattle. <i>Reproduction</i> , 2010 , 140, 713-20	3.8	38
24	Heritability and impact of environmental effects during pregnancy on antral follicle count in cattle. <i>Journal of Dairy Science</i> , 2014 , 97, 4503-11	4	35
23	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. <i>Theriogenology</i> , 2007 , 68, 107-14	2.8	33
22	Inherent capacity of the pituitary gland to produce gonadotropins is not influenced by the number of ovarian follicles \geq 3 mm in diameter in cattle. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 550-7	1.8	31
21	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, 373-82	2.6	25
20	Association between numbers of ovarian follicles in the first follicle wave and superovulatory response in ewes. <i>Animal Reproduction Science</i> , 2007 , 100, 391-6	2.1	24
19	Physiology and endocrinology symposium: Anti-Müllerian hormone: a biomarker for the ovarian reserve, ovarian function, and fertility in dairy cows. <i>Journal of Animal Science</i> , 2019 , 97, 1446-1455	0.7	20

18	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. <i>Domestic Animal Endocrinology</i> , 2007 , 32, 303-14	2.3	17
17	Early nutritional programming and progeny performance: Is reproductive success already set at birth?. <i>Animal Frontiers</i> , 2015 , 5, 18-24	5.5	16
16	Circulating electrolytes in the bloodstream of transition Sarda goats make the difference in body fluid distribution between single vs. twin gestation. <i>Research in Veterinary Science</i> , 2019 , 123, 84-90	2.5	13
15	Effects of trehalose co-incubation on in vitro matured prepubertal ovine oocyte vitrification. <i>Cryobiology</i> , 2007 , 55, 27-34	2.7	12
14	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, 202-7	1.6	10
13	GnRH antagonist enhance follicular growth in FSH-treated sheep but affect developmental competence of oocytes collected by ovum pick-up. <i>Theriogenology</i> , 2006 , 65, 1099-109	2.8	10
12	Association of single nucleotide polymorphisms in fat metabolism candidate genes with fatty acid profiles of muscle and subcutaneous fat in heavy pigs. <i>Meat Science</i> , 2018 , 139, 220-227	6.4	9
11	Undernutrition and hyperandrogenism during pregnancy: Role in programming of cardiovascular disease and infertility. <i>Molecular Reproduction and Development</i> , 2019 , 86, 1255-1264	2.6	7
10	Differences in amniotic amino acid concentrations between pregnancies obtained with transfer of vitrified thawed in vitro-produced embryos and with natural mating in sheep. <i>Theriogenology</i> , 2015 , 83, 687-92	2.8	5
9	Early Developmental Programming of the Ovarian Reserve, Ovarian Function, and Fertility 2017 , 91-108		4
8	Testicular development in male lambs prenatally exposed to a high-starch diet. <i>Molecular Reproduction and Development</i> , 2018 , 85, 406-416	2.6	4
7	Recovery of COCs from ovaries with high follicle numbers enhances in vitro embryo yield in sheep. <i>Animal Reproduction Science</i> , 2008 , 109, 134-45	2.1	4
6	Causes and consequences of the variation in the number of ovarian follicles in cattle. <i>Society of Reproduction and Fertility Supplement</i> , 2010 , 67, 421-9		3
5	Prenatal exposure to different diets influences programming of glucose and insulin metabolism in dairy ewes. <i>Journal of Dairy Science</i> , 2020 , 103, 8853-8863	4	3
4	Exposure of dairy cows to high environmental temperatures and their lactation status impairs establishment of the ovarian reserve in their offspring. <i>Journal of Dairy Science</i> , 2020 , 103, 11957-11969 ⁴		2
3	Evidence that the Inherently High Variation in Ovarian Reserves Is Positively Associated with Androgen and Estradiol Production in Cattle.. <i>Biology of Reproduction</i> , 2009 , 81, 541-541	3.9	1
2	Anti-Müllerian Hormone (AMH) 2018 , 222-226		
1	Evidence That Mammary Gland Infection/Injury During Pregnancy in Dairy Cows May Have a Negative Impact on Size of the Ovarian Reserve in Their Daughters.. <i>Biology of Reproduction</i> , 2010 , 83, 277-277	3.9	

