Francesca Mossa

List of Publications by Year in Descending Order

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	Exposure of dairy cows to high environmental temperatures and their lactation status impairs establishment of the ovarian reserve in their offspring. *Journal of Dairy Science*, **2020**, 103, 11957-11969	4	2
34	Prenatal exposure to different diets influences programming of glucose and insulin metabolism in dairy ewes. *Journal of Dairy Science*, **2020**, 103, 8853-8863	4	3
33	Circulating electrolytes in the bloodstream of transition Sarda goats make the difference in body fluid distribution between single vs. twin gestation. *Research in Veterinary Science*, **2019**, 123, 84-90	2.5	13
32	Physiology and endocrinology symposium: Anti-Müllerian hormone: a biomarker for the ovarian reserve, ovarian function, and fertility in dairy cows. *Journal of Animal Science*, **2019**, 97, 1446-1455	0.7	20
31	Undernutrition and hyperandrogenism during pregnancy: Role in programming of cardiovascular disease and infertility. *Molecular Reproduction and Development*, **2019**, 86, 1255-1264	2.6	7
30	Association of single nucleotide polymorphisms in fat metabolism candidate genes with fatty acid profiles of muscle and subcutaneous fat in heavy pigs. *Meat Science*, **2018**, 139, 220-227	6.4	9
29	Testicular development in male lambs prenatally exposed to a high-starch diet. *Molecular Reproduction and Development*, **2018**, 85, 406-416	2.6	4
28	Anti-Müllerian Hormone (AMH) **2018**, 222-226		
27	Early Developmental Programming of the Ovarian Reserve, Ovarian Function, and Fertility **2017**, 91-108		4
26	Anti-Müllerian Hormone (AMH) and fertility management in agricultural species. *Reproduction*, **2017**, 154, R1-R11	3.8	41
25	Early nutritional programming and progeny performance: Is reproductive success already set at birth?. *Animal Frontiers*, **2015**, 5, 18-24	5.5	16
24	Concentration of anti-Müllerian hormone in dairy heifers is positively associated with productive herd life. *Journal of Dairy Science*, **2015**, 98, 3036-45	4	51
23	Differences in amniotic amino acid concentrations between pregnancies obtained with transfer of vitrified thawed in vitro-produced embryos and with natural mating in sheep. *Theriogenology*, **2015**, 83, 687-92	2.8	5
22	Heritability and impact of environmental effects during pregnancy on antral follicle count in cattle. *Journal of Dairy Science*, **2014**, 97, 4503-11	4	35
21	Maternal undernutrition in cows impairs ovarian and cardiovascular systems in their offspring. *Biology of Reproduction*, **2013**, 88, 92	3.9	102
20	Effects of maternal environment during gestation on ovarian folliculogenesis and consequences for fertility in bovine offspring. *Reproduction in Domestic Animals*, **2012**, 47 Suppl 4, 31-7	1.6	48
19	Low numbers of ovarian follicles ≥ 3 mm in diameter are associated with low fertility in dairy cows. *Journal of Dairy Science*, **2012**, 95, 2355-61	4	110

18	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. *Reproduction, Fertility and Development*, **2011**, 23, 1-14	1.8	136
17	Evidence that high variation in antral follicle count during follicular waves is linked to alterations in ovarian androgen production in cattle. *Reproduction*, **2010**, 140, 713-20	3.8	38
16	Inherent capacity of the pituitary gland to produce gonadotropins is not influenced by the number of ovarian follicles > or = 3 mm in diameter in cattle. *Reproduction, Fertility and Development*, **2010**, 22, 550-7	1.8	31
15	Causes and consequences of the variation in the number of ovarian follicles in cattle. *Society of Reproduction and Fertility Supplement*, **2010**, 67, 421-9		3
14	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.. *Biology of Reproduction*, **2010**, 83, 277-277	3.9	
13	Variation in the ovarian reserve is linked to alterations in intrafollicular estradiol production and ovarian biomarkers of follicular differentiation and oocyte quality in cattle. *Biology of Reproduction*, **2009**, 80, 954-64	3.9	87
12	Evidence that the Inherently High Variation in Ovarian Reserves Is Positively Associated with Androgen and Estradiol Production in Cattle.. *Biology of Reproduction*, **2009**, 81, 541-541	3.9	1
11	Recovery of COCs from ovaries with high follicle numbers enhances in vitro embryo yield in sheep. *Animal Reproduction Science*, **2008**, 109, 134-45	2.1	4
10	Negative influence of high maternal milk production before and after conception on offspring survival and milk production in dairy cattle. *Journal of Dairy Science*, **2008**, 91, 329-37	4	42
9	A new selection criterion to assess good quality ovine blastocysts after vitrification and to predict their transfer into recipients. *Molecular Reproduction and Development*, **2008**, 75, 373-82	2.6	25
8	Cryopreservation of European Mouflon (Ovis Gmelini Musimon) semen during the non-breeding season is enhanced by the use of trehalose. *Reproduction in Domestic Animals*, **2007**, 42, 202-7	1.6	10
7	Relations between relative mRNA abundance and developmental competence of ovine oocytes. *Molecular Reproduction and Development*, **2007**, 74, 249-57	2.6	61
6	Vitrification devices affect structural and molecular status of in vitro matured ovine oocytes. *Molecular Reproduction and Development*, **2007**, 74, 1337-44	2.6	63
5	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. *Theriogenology*, **2007**, 68, 107-14	2.8	33
4	Association between numbers of ovarian follicles in the first follicle wave and superovulatory response in ewes. *Animal Reproduction Science*, **2007**, 100, 391-6	2.1	24
3	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. *Domestic Animal Endocrinology*, **2007**, 32, 303-14	2.3	17
2	Effects of trehalose co-incubation on in vitro matured prepubertal ovine oocyte vitrification. *Cryobiology*, **2007**, 55, 27-34	2.7	12
1	GnRH antagonist enhance follicular growth in FSH-treated sheep but affect developmental competence of oocytes collected by ovum pick-up. *Theriogenology*, **2006**, 65, 1099-109	2.8	10