

# M Sofia Ortega

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

761  
citations

567281  
15  
h-index

713466  
21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of DNA Methylation during Early Development of the Preimplantation Bovine Embryo. PLoS ONE, 2013, 8, e66230.	2.5	96
2	The WNT signaling antagonist Dickkopf-1 directs lineage commitment and promotes survival of the preimplantation embryo. FASEB Journal, 2014, 28, 3975-3986.	0.5	92
3	Use of single nucleotide polymorphisms in candidate genes associated with daughter pregnancy rate for prediction of genetic merit for reproduction in Holstein cows. Animal Genetics, 2016, 47, 288-297.	1.7	57
4	Influences of sire conception rate on pregnancy establishment in dairy cattle. Biology of Reproduction, 2018, 99, 1244-1254.	2.7	52
5	Postnatal phenotype of dairy cows is altered by in vitro embryo production using reverse X-sorted semen. Journal of Dairy Science, 2017, 100, 5899-5908.	3.4	45
6	Identification of Beef Heifers with Superior Uterine Capacity for Pregnancy. Biology of Reproduction, 2016, 95, 47-47.	2.7	43
7	Single nucleotide polymorphisms associated with thermoregulation in lactating dairy cows exposed to heat stress. Journal of Animal Breeding and Genetics, 2015, 132, 409-419.	2.0	40
8	Production and Culture of the Bovine Embryo. Methods in Molecular Biology, 2019, 2006, 115-129.	0.9	39
9	A single nucleotide polymorphism in COQ9 affects mitochondrial and ovarian function and fertility in Holstein cows. Biology of Reproduction, 2017, 96, 652-663.	2.7	35
10	Exposure to colony stimulating factor 2 during preimplantation development increases postnatal growth in cattle. Molecular Reproduction and Development, 2015, 82, 892-897.	2.0	34
11	Modification of embryonic resistance to heat shock in cattle by melatonin and genetic variation in HSPA1L. Journal of Dairy Science, 2016, 99, 9152-9164.	3.4	34
12	Improved cryopreservation of in vitro produced bovine embryos using FGF2, LIF, and IGF1. PLoS ONE, 2021, 16, e0243727.	2.5	34
13	Association of single nucleotide polymorphisms in candidate genes previously related to genetic variation in fertility with phenotypic measurements of reproductive function in Holstein cows. Journal of Dairy Science, 2017, 100, 3725-3734.	3.4	32
14	Colony-stimulating factor 2 acts from days 5 to 7 of development to modify programming of the bovine conceptus at day 86 of gestation. Biology of Reproduction, 2017, 96, 743-757.	2.7	30
15	NANOG is required to form the epiblast and maintain pluripotency in the bovine embryo. Molecular Reproduction and Development, 2020, 87, 152-160.	2.0	30
16	Interactions of human chorionic gonadotropin with genotype and parity on fertility responses of lactating dairy cows. Journal of Dairy Science, 2019, 102, 846-856.	3.4	19
17	Characteristics of candidate genes associated with embryonic development in the cow: Evidence for a role for WBP1 in development to the blastocyst stage. PLoS ONE, 2017, 12, e0178041.	2.5	16
18	Differential Transcript Profiles in Cumulus-Oocyte Complexes Originating from Pre-Ovulatory Follicles of Varied Physiological Maturity in Beef Cows. Genes, 2021, 12, 893.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Prostaglandinâ€endoperoxide synthase 2 is not required for preimplantation ovine conceptus development in sheep. Molecular Reproduction and Development, 2020, 87, 142-151.	2.0	8
20	Identification of genes associated with reproductive function in dairy cattle. Animal Reproduction, 2018, 15, 923-932.	1.0	6
21	Inheritance of the SLICK1 allele of <i>PRLR</i> in cattle. Animal Genetics, 2021, 52, 887-890.	1.7	3
22	Actions of WNT family member 5A to regulate characteristics of development of the bovine preimplantation embryo. Biology of Reproduction, 0, , .	2.7	2
23	Development of an Improved in vitro Model of Bovine Trophectoderm Differentiation. Frontiers in Animal Science, 0, 3, .	1.9	1
24	Male Embryos Produced in vitro Deviate From Their in vivo Counterparts in Placental Gene Expression on Day 32 of Pregnancy. Frontiers in Animal Science, 2022, 3, .	1.9	0