

# Daniela Bebbere

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

1,024  
citations

20  
h-index

30  
g-index

65  
ext. papers

1,150  
ext. citations

2.7  
avg, IF

3.6  
L-index

#	Paper	IF	Citations
51	Vitrification of in vitro matured ovine oocytes affects in vitro pre-implantation development and mRNA abundance. <i>Molecular Reproduction and Development</i> , <b>2008</b> , 75, 538-46	2.6	83
50	Vitrification devices affect structural and molecular status of in vitro matured ovine oocytes. <i>Molecular Reproduction and Development</i> , <b>2007</b> , 74, 1337-44	2.6	63
49	Relations between relative mRNA abundance and developmental competence of ovine oocytes. <i>Molecular Reproduction and Development</i> , <b>2007</b> , 74, 249-57	2.6	61
48	Archival, demographic and genetic studies define a Sardinian sub-isolate as a suitable model for mapping complex traits. <i>Human Genetics</i> , <b>2001</b> , 109, 198-209	6.3	53
47	Oocyte cryopreservation: oocyte assessment and strategies for improving survival. <i>Reproduction, Fertility and Development</i> , <b>2007</b> , 19, 13-23	1.8	47
46	Exogenous melatonin positively influences follicular dynamics, oocyte developmental competence and blastocyst output in a goat model. <i>Journal of Pineal Research</i> , <b>2009</b> , 46, 383-91	10.4	46
45	The subcortical maternal complex: multiple functions for one biological structure?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 1431-1438	3.4	41
44	Delay on the in vitro kinetic development of prepubertal ovine embryos. <i>Animal Reproduction Science</i> , <b>2006</b> , 92, 373-83	2.1	41
43	Not all isolates are equal: linkage disequilibrium analysis on Xq13.3 reveals different patterns in Sardinian sub-populations. <i>Human Genetics</i> , <b>2002</b> , 111, 9-15	6.3	38
42	A low oxygen atmosphere during IVF accelerates the kinetic of formation of in vitro produced ovine blastocysts. <i>Reproduction in Domestic Animals</i> , <b>2007</b> , 42, 299-304	1.6	37
41	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. <i>Theriogenology</i> , <b>2007</b> , 68, 107-14	2.8	33
40	Nuclear-cytoplasmic interactions affect in utero developmental capacity, phenotype, and cellular metabolism of bovine nuclear transfer fetuses. <i>Biology of Reproduction</i> , <b>2004</b> , 70, 1196-205	3.9	32
39	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> , <b>2009</b> , 21, 901-8	1.8	29
38	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> , <b>2008</b> , 20, 908-15	1.8	29
37	A novel technique for in vitro maturation of sheep oocytes in a liquid marble microbioreactor. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 513-8	3.4	26
36	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> , <b>2008</b> , 75, 373-82	2.6	25
35	Raman microspectroscopy as a non-invasive tool to assess the vitrification-induced changes of ovine oocyte zona pellucida. <i>Cryobiology</i> , <b>2012</b> , 64, 267-72	2.7	24

34	Expression of maternally derived KHDC3, NLRP5, OOEP and TLE6 is associated with oocyte developmental competence in the ovine species. <i>BMC Developmental Biology</i> , <b>2014</b> , 14, 40	3.1	23
33	Calcium concentration in vitrification medium affects the developmental competence of in vitro matured ovine oocytes. <i>Theriogenology</i> , <b>2011</b> , 75, 715-21	2.8	23
32	Maternal-fetal transplacental leakage of mitochondrial DNA in bovine nuclear transfer pregnancies: potential implications for offspring and recipients. <i>Cloning and Stem Cells</i> , <b>2004</b> , 6, 150-6		20
31	High hydrostatic pressure treatment improves the quality of in vitro-produced ovine blastocysts. <i>Reproduction, Fertility and Development</i> , <b>2011</b> , 23, 809-17	1.8	19
30	Different temporal gene expression patterns for ovine pre-implantation embryos produced by parthenogenesis or in vitro fertilization. <i>Theriogenology</i> , <b>2010</b> , 74, 712-23	2.8	18
29	Characterization, isolation and culture of primordial germ cells in domestic animals: recent progress and insights from the ovine species. <i>Theriogenology</i> , <b>2010</b> , 74, 534-43	2.8	17
28	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. <i>Domestic Animal Endocrinology</i> , <b>2007</b> , 32, 303-14	2.3	17
27	Supplementation with nanomolar concentrations of verbascoside during in vitro maturation improves embryo development by protecting the oocyte against oxidative stress: a large animal model study. <i>Reproductive Toxicology</i> , <b>2016</b> , 65, 204-211	3.4	16
26	Methylation dynamics during folliculogenesis and early embryo development in sheep. <i>Reproduction</i> , <b>2017</b> , 153, 605-619	3.8	15
25	Cerium oxide nanoparticles (CeO NPs) improve the developmental competence of in vitro-matured prepubertal ovine oocytes. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 1046-1056	1.8	14
24	Structure of preantral follicles, oxidative status and developmental competence of in vitro matured oocytes after ovary storage at 4°C in the domestic cat model. <i>Reproductive Biology and Endocrinology</i> , <b>2018</b> , 16, 76	5	12
23	Effects of trehalose co-incubation on in vitro matured prepubertal ovine oocyte vitrification. <i>Cryobiology</i> , <b>2007</b> , 55, 27-34	2.7	12
22	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> , <b>2005</b> , 63, 902-11	2.8	12
21	Tissue-specific and minor inter-individual variation in imprinting of IGF2R is a common feature of <i>Bos taurus</i> Concepti and not correlated with fetal weight. <i>PLoS ONE</i> , <b>2013</b> , 8, e59564	3.7	11
20	GnRH antagonist enhance follicular growth in FSH-treated sheep but affect developmental competence of oocytes collected by ovum pick-up. <i>Theriogenology</i> , <b>2006</b> , 65, 1099-109	2.8	10
19	Delay in maternal transcript degradation in ovine embryos derived from low competence oocytes. <i>Molecular Reproduction and Development</i> , <b>2018</b> , 85, 427-439	2.6	8
18	In vitro Developmental Competence of Adult Sheep Oocytes Treated with Roscovitine. <i>Reproduction in Domestic Animals</i> , <b>2016</b> , 51, 276-81	1.6	8
17	Lipid droplet distribution of immature canine oocytes in relation to their size and the reproductive stage. <i>Animal Science Journal</i> , <b>2016</b> , 87, 147-50	1.8	8

16	Gene expression analysis of ovine prepubertal testicular tissue vitrified with a novel cryodevice (E.Vit). <i>Journal of Assisted Reproduction and Genetics</i> , <b>2019</b> , 36, 2145-2154	3.4	7
15	The effect of okadaic acid on meiotic maturation of canine oocytes of different size. <i>Theriogenology</i> , <b>2012</b> , 77, 46-52	2.8	6
14	The subcortical maternal complex: emerging roles and novel perspectives. <i>Molecular Human Reproduction</i> , <b>2021</b> , 27,	4.4	6
13	240OVINE PREPUBERTAL OOCYTE SHOWS ALTERATE GENE EXPRESSION AND LOW DEVELOPMENTAL COMPETENCE. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 240	1.8	5
12	Subcortical maternal complex (SCMC) expression during folliculogenesis is affected by oocyte donor age in sheep. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 2259-2271	3.4	4
11	Testicular development in male lambs prenatally exposed to a high-starch diet. <i>Molecular Reproduction and Development</i> , <b>2018</b> , 85, 406-416	2.6	4
10	Unveiling mRNA changes during meiotic progression and pre-implantation development: help from large animal models. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 256-63	3.3	4
9	Recovery of COCs from ovaries with high follicle numbers enhances in vitro embryo yield in sheep. <i>Animal Reproduction Science</i> , <b>2008</b> , 109, 134-45	2.1	4
8	Insights on Cryopreserved Sheep Fibroblasts by Cryomicroscopy and Gene Expression Analysis. <i>Biopreservation and Biobanking</i> , <b>2017</b> , 15, 310-320	2.1	2
7	3D Liquid Marble Microbioreactors Support Maturation of Prepubertal Ovine Oocytes and Affect Expression of Oocyte-Specific Factors. <i>Biology</i> , <b>2021</b> , 10,	4.9	2
6	219 EXPRESSION PATTERN OF THE SUB-CORTICAL MATERNAL COMPLEX IN OVINE OOCYTES AND PRE-IMPLANTATION EMBRYOS. <i>Reproduction, Fertility and Development</i> , <b>2013</b> , 25, 258	1.8	2
5	Mitochondrial DNA Depletion in Granulosa Cell Derived Nuclear Transfer Tissues. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 664099	5.7	2
4	Molecular and Histological Evaluation of Sheep Ovarian Tissue Subjected to Lyophilization.. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
3	High survival rate of sheep produced blastocysts vitrified with a new method and device. <i>Journal of Animal Science and Biotechnology</i> , <b>2019</b> , 10, 90	6	1
2	Oocyte aging: looking beyond chromosome segregation errors.. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2022</b> , 1	3.4	0
1	142&#x2003;Mimicking the follicular environment: maturation of prepubertal ovine oocytes in a liquid marble bioreactor as a 3-dimensional culture system.. <i>Reproduction, Fertility and Development</i> , <b>2021</b> , 34, 309	1.8	