

# Daniela Bebbere

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4922425/publications.pdf>

Version: 2024-02-01

63  
papers

1,294  
citations

304602

22  
h-index

377752

34  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1455  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Relations between relative mRNA abundance and developmental competence of ovine oocytes. <i>Molecular Reproduction and Development</i> , 2007, 74, 249-257.	1.0	68
4	The subcortical maternal complex: multiple functions for one biological structure?. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1431-1438.	1.2	65
5	Archival, demographic and genetic studies define a Sardinian sub-isolate as a suitable model for mapping complex traits. <i>Human Genetics</i> , 2001, 109, 198-209.	1.8	63
6	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
7	Oocyte cryopreservation: oocyte assessment and strategies for improving survival. <i>Reproduction, Fertility and Development</i> , 2007, 19, 13.	0.1	54
8	Delay on the in vitro kinetic development of prepubertal ovine embryos. <i>Animal Reproduction Science</i> , 2006, 92, 373-383.	0.5	45
9	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
10	Effect of vitrification solutions and cooling upon in vitro matured prepubertal ovine oocytes. <i>Theriogenology</i> , 2007, 68, 107-114.	0.9	42
11	Not all isolates are equal: linkage disequilibrium analysis on Xq13.3 reveals different patterns in Sardinian sub-populations. <i>Human Genetics</i> , 2002, 111, 9-15.	1.8	39
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	A novel technique for in vitro maturation of sheep oocytes in a liquid marble microreactor. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 513-518.	1.2	37
14	Nuclear-Cytoplasmic Interactions Affect In Utero Developmental Capacity, Phenotype, and Cellular Metabolism of Bovine Nuclear Transfer Fetuses1. <i>Biology of Reproduction</i> , 2004, 70, 1196-1205.	1.2	35
15	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
16	The subcortical maternal complex: emerging roles and novel perspectives. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	32
17	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
18	Raman microspectroscopy as a non-invasive tool to assess the vitrification-induced changes of ovine oocyte zona pellucida. <i>Cryobiology</i> , 2012, 64, 267-272.	0.3	29

#	ARTICLE	IF	CITATIONS
19	Expression of maternally derived KHDC3, NLRP5, OOEP and TLE6 is associated with oocyte developmental competence in the ovine species. <i>BMC Developmental Biology</i> , 2014, 14, 40.	2.1	27
20	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
21	High hydrostatic pressure treatment improves the quality of in vitro-produced ovine blastocysts. <i>Reproduction, Fertility and Development</i> , 2011, 23, 809.	0.1	25
22	Maternal-Fetal Transplacental Leakage of Mitochondrial DNA in Bovine Nuclear Transfer Pregnancies: Potential Implications for Offspring and Recipients. <i>Cloning and Stem Cells</i> , 2004, 6, 150-156.	2.6	24
23	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
24	Characterization, isolation and culture of primordial germ cells in domestic animals: recent progress and insights from the ovine species. <i>Theriogenology</i> , 2010, 74, 534-543.	0.9	22
25	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> , 2016, 65, 204-211.	1.3	22
26	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
27	Methylation dynamics during folliculogenesis and early embryo development in sheep. <i>Reproduction</i> , 2017, 153, 605-619.	1.1	21
28	Cerium oxide nanoparticles (CeO <sub>2</sub> NPs) improve the developmental competence of in vitro-matured prepubertal ovine oocytes. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1046.	0.1	20
29	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> , 2018, 16, 76.	1.4	16
30	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
31	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> , 2013, 8, e59564.	1.1	13
32	Effects of trehalose co-incubation on in vitro matured prepubertal ovine oocyte vitrification. <i>Cryobiology</i> , 2007, 55, 27-34.	0.3	12
33	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, 1099-1109.	0.9	11
34	<i>In vitro</i> Developmental Competence of Adult Sheep Oocytes Treated with Roscovitine. <i>Reproduction in Domestic Animals</i> , 2016, 51, 276-281.	0.6	11
35	Delay in maternal transcript degradation in ovine embryos derived from low competence oocytes. <i>Molecular Reproduction and Development</i> , 2018, 85, 427-439.	1.0	11
36	Gene expression analysis of ovine prepubertal testicular tissue vitrified with a novel cryodevice (E.Vit). <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2145-2154.	1.2	11

#	ARTICLE	IF	CITATIONS
37	Lipid droplet distribution of immature canine oocytes in relation to their size and the reproductive stage. <i>Animal Science Journal</i> , 2016, 87, 147-150.	0.6	10
38	Subcortical maternal complex (SCMC) expression during folliculogenesis is affected by oocyte donor age in sheep. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2259-2271.	1.2	10
39	Oocyte aging: looking beyond chromosome segregation errors. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 793-800.	1.2	10
40	3D Liquid Marble Microbioreactors Support In Vitro Maturation of Prepubertal Ovine Oocytes and Affect Expression of Oocyte-Specific Factors. <i>Biology</i> , 2021, 10, 1101.	1.3	8
41	Unveiling mRNA Changes During Meiotic Progression and Pre-Implantation Development: Help from Large Animal Models. <i>Current Pharmaceutical Design</i> , 2012, 18, 256-263.	0.9	7
42	The effect of okadaic acid on meiotic maturation of canine oocytes of different size. <i>Theriogenology</i> , 2012, 77, 46-52.	0.9	7
43	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
44	Testicular development in male lambs prenatally exposed to a high-starch diet. <i>Molecular Reproduction and Development</i> , 2018, 85, 406-416.	1.0	5
45	High in vitro survival rate of sheep in vitro produced blastocysts vitrified with a new method and device. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 90.	2.1	5
46	240OVINE PREPUBERTAL OOCYTE SHOWS ALTERATE GENE EXPRESSION AND LOW DEVELOPMENTAL COMPETENCE. <i>Reproduction, Fertility and Development</i> , 2004, 16, 240.	0.1	5
47	Molecular and Histological Evaluation of Sheep Ovarian Tissue Subjected to Lyophilization. <i>Animals</i> , 2021, 11, 3407.	1.0	5
48	Anthropogenic Drivers Leading to Population Decline and Genetic Preservation of the Eurasian Griffon Vulture ( <i>Gyps fulvus</i> ). <i>Life</i> , 2021, 11, 1038.	1.1	4
49	Mitochondrial DNA Depletion in Granulosa Cell Derived Nuclear Transfer Tissues. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 664099.	1.8	3
50	Insights on Cryopreserved Sheep Fibroblasts by Cryomicroscopy and Gene Expression Analysis. <i>Biopreservation and Biobanking</i> , 2017, 15, 310-320.	0.5	2
51	219 EXPRESSION PATTERN OF THE SUB-CORTICAL MATERNAL COMPLEX IN OVINE OOCYTES AND PRE-IMPLANTATION EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 258.	0.1	2
52	Microtubular Assessment of C6 Rat Glioma Cell Spheroids Developed in Transparent Liquid Marbles or Hanging Drops. <i>Biology</i> , 2022, 11, 492.	1.3	2
53	261 PHENOTYPIC CHARACTERISTICS AND TISSUE-SPECIFIC IGF2R/IGF2 EXPRESSION PARTITION BOVINE FETAL OVERGROWTH ASSOCIATED WITH IN VITRO FERTILIZATION AND SOMATIC CELL NUCLEAR TRANSFER CLONING. <i>Reproduction, Fertility and Development</i> , 2007, 19, 247.	0.1	1
54	177 EMBRYOS PRODUCED IN VITRO FROM PREPUBERTAL LAMB AND ADULT SHEEP OOCYTES DISPLAY DIFFERENT GENE EXPRESSION PATTERNS. <i>Reproduction, Fertility and Development</i> , 2009, 21, 187.	0.1	1

#	ARTICLE	IF	CITATIONS
55	Roscovitine use for the delay of meiotic progression in prepubertal sheep oocytes. Pesquisa Agropecuaria Brasileira, 0, 55, .	0.9	1
56	New Challenges in Cryopreservation: A Reproductive Perspective. Animals, 2022, 12, 1598.	1.0	1
57	Methylation dynamics during folliculogenesis and early embryo development in sheep. Reproduction, 2017, 154, X1.	1.1	0
58	258 EXPRESSION PATTERN OF THE MATERNAL FACTOR ZYGOTE ARREST 1 (ZAR1) GENE IN OVINE OOCYTES AND PRE-IMPLANTATION EMBRYOS. Reproduction, Fertility and Development, 2007, 19, 245.	0.1	0
59	199 EVIDENCE FOR A NOVEL PERTURBATION IN CLONED FETUSES: MITOCHONDRIAL DNA DEPLETION. Reproduction, Fertility and Development, 2007, 19, 216.	0.1	0
60	124 EXPRESSION OF PLURIPOTENCY MARKERS IN GENITAL RIDGES OF OVINE FOETUSES. Reproduction, Fertility and Development, 2010, 22, 221.	0.1	0
61	210 DNA METHYLATION AND HYDROXYMETHYLATION ANALYSIS IN A MODEL OF OOCYTE DIFFERENTIAL DEVELOPMENTAL COMPETENCE IN SHEEP. Reproduction, Fertility and Development, 2015, 27, 195.	0.1	0
62	142 Mimicking the follicular environment: in vitro maturation of prepubertal ovine oocytes in a liquid marble bioreactor as a 3-dimensional culture system. Reproduction, Fertility and Development, 2022, 34, 309.	0.1	0
63	&lt;i&gt;Corrigendum to&lt;/i&gt;: 106 Heat stress alters oocyte genome-wide DNA methylation patterns revealed at single base resolution. Reproduction, Fertility and Development, 2022, 34, 644-644.	0.1	0