

# Luisa Bogliolo

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,055  
citations

331670

21  
h-index

454955

30  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1325  
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.	2.0	86
2	Influence of cadmium exposure on in vitro ovine gamete dysfunction. <i>Reproductive Toxicology</i> , 2002, 16, 371-377.	2.9	57
3	Oocyte cryopreservation: oocyte assessment and strategies for improving survival. <i>Reproduction, Fertility and Development</i> , 2007, 19, 13.	0.4	54
4	Raman spectroscopy-based approach to detect aging-related oxidative damage in the mouse oocyte. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 877-882.	2.5	40
5	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.	0.4	39
6	Effect of exposure to CeO <sub>2</sub> nanoparticles on ram spermatozoa during storage at 4°C for 96 hours. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 19.	3.3	38
7	Follicular size affects the meiotic competence of in vitro matured prepubertal and adult oocytes in sheep. <i>Reproduction, Nutrition, Development</i> , 1999, 39, 503-508.	1.9	37
8	A novel technique for in vitro maturation of sheep oocytes in a liquid marble microbioreactor. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 513-518.	2.5	37
9	Influence of co-culture with oviductal epithelial cells on in vitro maturation of canine oocytes. <i>Reproduction, Nutrition, Development</i> , 2002, 42, 265-273.	1.9	35
10	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.	0.4	35
11	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.	0.7	29
12	Exposure to cadmium during in vitro maturation at environmental nanomolar levels impairs oocyte fertilization through oxidative damage: A large animal model study. <i>Reproductive Toxicology</i> , 2017, 69, 132-145.	2.9	29
13	Sheep embryos derived from FSH/eCG treatment have a lower in vitro viability after vitrification than those derived from FSH treatment. <i>Reproduction, Nutrition, Development</i> , 2001, 41, 239-246.	1.9	27
14	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
15	Prooxidant Effects of Verbascoside, a Bioactive Compound from Olive Oil Mill Wastewater, on In Vitro Developmental Potential of Ovine Prepubertal Oocytes and Bioenergetic/Oxidative Stress Parameters of Fresh and Vitrified Oocytes. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	26
16	Defined media for vitrification, warming, and rehydration: effects on post-thaw protein synthesis and viability of in vitro derived ovine embryos. <i>Cryobiology</i> , 2002, 45, 204-212.	0.7	25
17	High hydrostatic pressure treatment improves the quality of in vitro-produced ovine blastocysts. <i>Reproduction, Fertility and Development</i> , 2011, 23, 809.	0.4	25
18	Cerium dioxide nanoparticles did not alter the functional and morphologic characteristics of ram sperm during short-term exposure. <i>Theriogenology</i> , 2016, 85, 1274-1281.e3.	2.1	25

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19	Resveratrol supplementation during <i>in vitro</i> maturation improves embryo development of prepubertal goat oocytes selected by brilliant cresyl blue staining. <i>Journal of Reproduction and Development</i> , 2019, 65, 113-120.	1.4	25
20	Different temporal gene expression patterns for ovine pre-implantation embryos produced by parthenogenesis or <i>in vitro</i> fertilization. <i>Theriogenology</i> , 2010, 74, 712-723.	2.1	23
21	Evaluation of the impact of vitrification on the actin cytoskeleton of <i>in vitro</i> matured ovine oocytes by means of Raman microspectroscopy. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 185-193.	2.5	23
22	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.	2.1	22
23	Supplementation with nanomolar concentrations of verbascoside during <i>in vitro</i> maturation improves embryo development by protecting the oocyte against oxidative stress: a large animal model study. <i>Reproductive Toxicology</i> , 2016, 65, 204-211.	2.9	22
24	Liquid storage of ram semen for 96 h: Effects on kinematic parameters, membranes and DNA integrity, and ROS production. <i>Livestock Science</i> , 2018, 207, 1-6.	1.6	22
25	Methylation dynamics during folliculogenesis and early embryo development in sheep. <i>Reproduction</i> , 2017, 153, 605-619.	2.6	21
26	Resumption of metabolic activity of vitrified/warmed ovine embryos. <i>Molecular Reproduction and Development</i> , 2003, 64, 207-213.	2.0	20
27	Cerium oxide nanoparticles (CeO <sub>2</sub> NPs) improve the developmental competence of <i>in vitro</i> -matured prepubertal ovine oocytes. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1046.	0.4	20
28	Superoxide dismutase affects the viability of thawed European mouflon ( <i>Ovis g. musimon</i> ) semen and the heterologous fertilization using both IVF and intracytoplasmic sperm injection. <i>Reproduction, Fertility and Development</i> , 2003, 15, 19.	0.4	18
29	Resveratrol treatment during maturation enhances developmental competence of oocytes after prolonged ovary storage at 4°C in the domestic cat model. <i>Theriogenology</i> , 2020, 144, 152-157.	2.1	17
30	Structure of preantral follicles, oxidative status and developmental competence of <i>in vitro</i> matured oocytes after ovary storage at 4°C in the domestic cat model. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 76.	3.3	16
31	<i>In vivo</i> and <i>in vitro</i> 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.	2.1	13
32	Resveratrol supplementation and cryopreservation of buck semen. <i>Cryobiology</i> , 2020, 95, 60-67.	0.7	12
33	<i>In vitro</i> Developmental Competence of Adult Sheep Oocytes Treated with Roscovitine. <i>Reproduction in Domestic Animals</i> , 2016, 51, 276-281.	1.4	11
34	Delay in maternal transcript degradation in ovine embryos derived from low competence oocytes. <i>Molecular Reproduction and Development</i> , 2018, 85, 427-439.	2.0	11
35	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.	1.4	10
36	Transforming properties of ovine papillomaviruses E6 and E7 oncogenes. <i>Veterinary Microbiology</i> , 2019, 230, 14-22.	1.9	10

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37	Clinical and cytogenetic studies in intersex ewes. <i>Caryologia</i> , 2006, 59, 67-74.	0.3	7
38	Unveiling mRNA Changes During Meiotic Progression and Pre-Implantation Development: Help from Large Animal Models. <i>Current Pharmaceutical Design</i> , 2012, 18, 256-263.	1.9	7
39	The effect of okadaic acid on meiotic maturation of canine oocytes of different size. <i>Theriogenology</i> , 2012, 77, 46-52.	2.1	7
40	Amniotic fluid l-ergothioneine concentrations in pregnant sheep after natural mating and transfer of vitrified/thawed in-vitro produced embryos. <i>Research in Veterinary Science</i> , 2015, 102, 238-241.	1.9	7
41	Vaginal fold prolapse in a dog with pyometra and ovarian papillary cystadenocarcinoma. <i>Journal of the American Veterinary Medical Association</i> , 2016, 248, 822-826.	0.5	6
42	Hercynine, Ergothioneine and Redox State in Stallion's Seminal Plasma. <i>Antioxidants</i> , 2020, 9, 855.	5.1	6
43	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.	5.3	5
44	Surgery on cervical folds for transcervical intrauterine artificial insemination with frozen-thawed semen enhances pregnancy rates in the sheep. <i>Theriogenology</i> , 2019, 126, 28-35.	2.1	5
45	Raman spectroscopy-based approach to study the female gamete. <i>Theriogenology</i> , 2020, 150, 268-275.	2.1	5
46	Reproductive Performance Following Transcervical Insemination with Frozen Thawed Semen in Ewes Submitted to Surgical Incision of Cervical Folds (SICF): Comparison with Laparoscopic Artificial Insemination. <i>Animals</i> , 2020, 10, 108.	2.3	4
47	Concentrations of l-ergothioneine in follicular fluids of farm animals. <i>Comparative Clinical Pathology</i> , 2015, 24, 1261-1265.	0.7	3
48	Hypoluteoidism in a dog associated with recurrent mammary fibroadenoma stimulated by progestin therapy. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 55.	1.6	3
49	Selection of Immature Cat Oocytes with Brilliant Cresyl Blue Stain Improves In Vitro Embryo Production during Non-Breeding Season. <i>Animals</i> , 2020, 10, 1496.	2.3	2
50	Roscovitine use for the delay of meiotic progression in prepubertal sheep oocytes. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	1