

# Pascal Mermillod

## List of Publications by Citations

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143  
papers

4,791  
citations

41  
h-index

62  
g-index

149  
ext. papers

5,324  
ext. citations

2.9  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
143	Role of epidermal growth factor in bovine oocyte maturation and preimplantation embryo development in vitro. <i>Biology of Reproduction</i> , <b>1996</b> , 54, 1420-9	3.9	194
142	Current status of embryo technologies in sheep and goat. <i>Theriogenology</i> , <b>2003</b> , 59, 171-88	2.8	193
141	High developmental competence of cattle oocytes maintained at the germinal vesicle stage for 24 hours in culture by specific inhibition of MPF kinase activity. <i>Molecular Reproduction and Development</i> , <b>2000</b> , 55, 89-95	2.6	166
140	Effect of follicular size on meiotic and developmental competence of porcine oocytes. <i>Theriogenology</i> , <b>2002</b> , 57, 1523-32	2.8	133
139	Spatio-temporal expression of the germ cell marker genes MATER, ZAR1, GDF9, BMP15, and VASA in adult bovine tissues, oocytes, and preimplantation embryos. <i>Biology of Reproduction</i> , <b>2004</b> , 71, 1359-66	3.9	130
138	Factors affecting bovine embryo development in synthetic oviduct fluid following oocyte maturation and fertilization in vitro. <i>Theriogenology</i> , <b>1995</b> , 43, 1115-28	2.8	129
137	Meiotic and developmental competence of prepubertal and adult swine oocytes. <i>Theriogenology</i> , <b>2001</b> , 56, 17-29	2.8	123
136	Morphology and biochemistry of in-vitro produced bovine embryos: implications for their cryopreservation. <i>Human Reproduction</i> , <b>1995</b> , 10, 3004-11	5.7	120
135	Effect of growth factors, EGF and IGF-I, and estradiol on in vitro maturation of sheep oocytes. <i>Theriogenology</i> , <b>2000</b> , 54, 209-18	2.8	113
134	Oviduct extracellular vesicles protein content and their role during oviduct-embryo cross-talk. <i>Reproduction</i> , <b>2017</b> , 154, 153-168	3.8	93
133	Bovine blastocyst production in vitro after inhibition of oocyte meiotic resumption for 24 h. <i>Reproduction</i> , <b>1997</b> , 109, 355-65	3.8	88
132	Characterization of the embryotrophic activity of exogenous protein-free oviduct-conditioned medium used in culture of cattle embryos. <i>Biology of Reproduction</i> , <b>1993</b> , 49, 582-7	3.9	87
131	Differential regulation of abundance and deadenylation of maternal transcripts during bovine oocyte maturation in vitro and in vivo. <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 125	3.1	80
130	Influence of antral follicle size on oocyte characteristics and embryo development in the bovine. <i>Theriogenology</i> , <b>2005</b> , 63, 841-59	2.8	80
129	Reproductive biotechnologies for endangered mammalian species. <i>Reproduction, Nutrition, Development</i> , <b>2000</b> , 40, 493-504		80
128	Use of heterologous complementary DNA array screening to analyze bovine oocyte transcriptome and its evolution during in vitro maturation. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 252-61	3.9	78
127	Prepubertal bovine oocyte: a negative model for studying oocyte developmental competence. <i>Molecular Reproduction and Development</i> , <b>1996</b> , 45, 231-9	2.6	75

126	Deciphering the oviductal extracellular vesicles content across the estrous cycle: implications for the gametes-oviduct interactions and the environment of the potential embryo. <i>BMC Genomics</i> , <b>2018</b> , 19, 622	4.5	69
125	Effect of growth hormone (GH) on in vitro nuclear and cytoplasmic oocyte maturation, cumulus expansion, hyaluronan synthases, and connexins 32 and 43 expression, and GH receptor messenger RNA expression in equine and porcine species. <i>Biology of Reproduction</i> , <b>2003</b> , 69, 1013-22	3.9	69
124	Effects of cell cycle dependent kinases inhibitor on nuclear and cytoplasmic maturation of porcine oocytes. <i>Molecular Reproduction and Development</i> , <b>2001</b> , 60, 65-73	2.6	64
123	In vitro production of bovine embryos using individual oocytes. <i>Molecular Reproduction and Development</i> , <b>1996</b> , 45, 145-50	2.6	64
122	Spatio-temporal expression patterns of aurora kinases a, B, and C and cytoplasmic polyadenylation-element-binding protein in bovine oocytes during meiotic maturation. <i>Biology of Reproduction</i> , <b>2008</b> , 78, 218-33	3.9	63
121	State-of-the-art production, conservation and transfer of in-vitro-produced embryos in small ruminants. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 437	1.8	61
120	Successful direct transfer of vitrified sheep embryos. <i>Theriogenology</i> , <b>2001</b> , 56, 299-305	2.8	56
119	In vitro maturation of oocytes alters gene expression and signaling pathways in bovine cumulus cells. <i>Molecular Reproduction and Development</i> , <b>2013</b> , 80, 166-82	2.6	55
118	Cyclooxygenase-2 is expressed by cumulus cells during oocyte maturation in cattle. <i>Molecular Reproduction and Development</i> , <b>2002</b> , 61, 93-101	2.6	55
117	MATER protein expression and intracellular localization throughout folliculogenesis and preimplantation embryo development in the bovine. <i>BMC Developmental Biology</i> , <b>2006</b> , 6, 26	3.1	54
116	Zygote arrest 1 gene in pig, cattle and human: evidence of different transcript variants in male and female germ cells. <i>Reproductive Biology and Endocrinology</i> , <b>2006</b> , 4, 12	5	52
115	Bovine embryos cultured in serum-poor oviduct-conditioned medium need cooperation to reach the blastocyst stage. <i>Theriogenology</i> , <b>1994</b> , 42, 445-53	2.8	52
114	Successful in vitro production of embryos in the red deer ( <i>Cervus elaphus</i> ) and the sika deer ( <i>Cervus nippon</i> ). <i>Theriogenology</i> , <b>2001</b> , 55, 649-59	2.8	51
113	Steroid hormones in bovine oviductal fluid during the estrous cycle. <i>Theriogenology</i> , <b>2016</b> , 86, 1409-1420.	2.8	51
112	Kinetics of gene expression and signaling in bovine cumulus cells throughout IVM in different mediums in relation to oocyte developmental competence, cumulus apoptosis and progesterone secretion. <i>Theriogenology</i> , <b>2011</b> , 75, 90-104	2.8	50
111	Early bovine embryos regulate oviduct epithelial cell gene expression during in vitro co-culture. <i>Animal Reproduction Science</i> , <b>2014</b> , 149, 103-16	2.1	49
110	New insights into the mechanisms of fertilization: comparison of the fertilization steps, composition, and structure of the zona pellucida between horses and pigs. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 856-70	3.9	49
109	Expression of components of the insulin-like growth factor system and gonadotropin receptors in bovine cumulus-oocyte complexes during oocyte maturation. <i>Domestic Animal Endocrinology</i> , <b>2004</b> , 27, 179-95	2.3	49

108	The characterization of bovine embryos obtained from prepubertal calf oocytes and their viability after non surgical embryo transfer. <i>Theriogenology</i> , <b>1998</b> , 50, 1201-10	2.8	46
107	Development rate and gene expression of IVP bovine embryos cocultured with bovine oviduct epithelial cells at early or late stage of preimplantation development. <i>Theriogenology</i> , <b>2014</b> , 81, 1163-73 <sup>2.8</sup>	2.8	45
106	Kinetics of nuclear maturation and protein profiles of oocytes from prepubertal and adult cattle during in vitro maturation. <i>Theriogenology</i> , <b>1998</b> , 50, 917-29	2.8	43
105	Characterization of in vitro growth of bovine preantral ovarian follicles: A preliminary study. <i>Theriogenology</i> , <b>1993</b> , 39, 811-21	2.8	43
104	Assessment of in vitro fertility of deer spermatozoa by heterologous IVF with zona-free bovine oocytes. <i>Theriogenology</i> , <b>2001</b> , 56, 261-74	2.8	42
103	Expression of maternal transcripts during bovine oocyte in vitro maturation is affected by donor age. <i>Reproduction in Domestic Animals</i> , <b>2011</b> , 46, e23-30	1.6	41
102	Regulation of the bovine oviductal fluid proteome. <i>Reproduction</i> , <b>2016</b> , 152, 629-644	3.8	41
101	Effect of PUFA on embryo cryoresistance, gene expression and AMPKalpha phosphorylation in IVF-derived bovine embryos. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2010</b> , 93, 30-6	3.7	38
100	In vitro production of small ruminant embryos: late improvements and further research. <i>Theriogenology</i> , <b>2014</b> , 81, 1149-62	2.8	36
99	Improved vitrification method allowing direct transfer of goat embryos. <i>Theriogenology</i> , <b>2006</b> , 66, 1004-11 <sup>1.8</sup>	1.8	36
98	Several signaling pathways are involved in the control of cattle oocyte maturation. <i>Molecular Reproduction and Development</i> , <b>2004</b> , 69, 466-74	2.6	35
97	Genes preferentially expressed in bovine oocytes revealed by subtractive and suppressive hybridization. <i>Biology of Reproduction</i> , <b>2005</b> , 73, 713-20	3.9	34
96	In vitro embryo production in goats: Slaughterhouse and laparoscopic ovum pick up-derived oocytes have different kinetics and requirements regarding maturation media. <i>Theriogenology</i> , <b>2014</b> , 81, 1021-31	2.8	33
95	Vitrification of in vitro produced bovine blastocysts: methodological studies and developmental capacity. <i>Animal Reproduction Science</i> , <b>1998</b> , 52, 93-104	2.1	33
94	Effect of follicle size and quality on the ability of follicular fluid to support cytoplasmic maturation of bovine oocytes. <i>Molecular Reproduction and Development</i> , <b>1996</b> , 43, 477-83	2.6	33
93	Effects of dilution procedure and culture conditions after thawing on survival of frozen bovine blastocysts produced in vitro. <i>Reproduction</i> , <b>1993</b> , 97, 65-9	3.8	33
92	Protein synthesis and mRNA storage in cattle oocytes maintained under meiotic block by roscovitine inhibition of MPF activity. <i>Molecular Reproduction and Development</i> , <b>2004</b> , 69, 457-65	2.6	32
91	Identification of a new expanding family of genes characterized by atypical LRR domains. Localization of a cluster preferentially expressed in oocyte. <i>FEBS Letters</i> , <b>2003</b> , 555, 533-8	3.8	32

90	Development of bovine embryos in vitro following oocyte maturation under defined conditions. <i>Reproduction, Nutrition, Development</i> , <b>1994</b> , 34, 329-39		32
89	Composing the Early Embryonic Microenvironment: Physiology and Regulation of Oviductal Secretions. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	32
88	Calving outcome following transfer of embryos produced in vitro in different conditions. <i>Animal Reproduction Science</i> , <b>1996</b> , 44, 1-10	2.1	31
87	Effect of protein synthesis inhibition before or during in vitro maturation on subsequent development of bovine oocytes. <i>Theriogenology</i> , <b>1998</b> , 50, 417-31	2.8	29
86	Glycogen synthase kinase 3B in bovine oocytes and granulosa cells: possible involvement in meiosis during in vitro maturation. <i>Reproduction</i> , <b>2009</b> , 138, 235-46	3.8	28
85	Review: Recent advances in bovine embryo production: reproductive biotechnology history and methods. <i>Animal</i> , <b>2020</b> , 14, 991-1004	3.1	28
84	Oviduct fluid extracellular vesicles regulate polyspermy during porcine in vitro fertilisation. <i>Reproduction, Fertility and Development</i> , <b>2020</b> , 32, 409-418	1.8	27
83	hCTLA4-Ig transgene expression in keratocytes modulates rejection of corneal xenografts in a pig to non-human primate anterior lamellar keratoplasty model. <i>Xenotransplantation</i> , <b>2014</b> , 21, 431-43	2.8	26
82	Effect of coculture with oviduct epithelial cells on viability after transfer of vitrified in vitro produced goat embryos. <i>Theriogenology</i> , <b>2007</b> , 68, 908-13	2.8	26
81	Survival of frozen or vitrified bovine blastocysts produced in vitro in synthetic oviduct fluid. <i>Theriogenology</i> , <b>1996</b> , 46, 1425-1439	2.8	26
80	Anti-Müllerian hormone plasma concentration in prepubertal ewe lambs as a predictor of their fertility at a young age. <i>BMC Veterinary Research</i> , <b>2012</b> , 8, 118	2.7	24
79	Cell Therapy for Parkinson's Disease: A Translational Approach to Assess the Role of Local and Systemic Immunosuppression. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 2016-29	8.7	24
78	Metabolomic Profile of Oviductal Extracellular Vesicles across the Estrous Cycle in Cattle. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	24
77	Effect of storage temperature during transport of ovaries on in vitro embryo production in Iberian red deer ( <i>Cervus elaphus hispanicus</i> ). <i>Theriogenology</i> , <b>2011</b> , 75, 65-72	2.8	23
76	Collection of oocytes and production of blastocysts in vitro from individual, slaughtered cows. <i>Reproduction</i> , <b>1992</b> , 96, 717-23	3.8	23
75	In-vitro regulation of primordial follicle activation: challenges for fertility preservation strategies. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 36, 491-499	4	22
74	Identification by proteomics of oviductal sperm-interacting proteins. <i>Reproduction</i> , <b>2018</b> , 155, 457-466	3.8	22
73	In vitro comparisons of two cryopreservation techniques for equine embryos: slow-cooling and open pulled straw (OPS) vitrification. <i>Theriogenology</i> , <b>2005</b> , 64, 1619-32	2.8	22

72	Morphologic characterization of osteoblast-like cell cultures isolated from newborn rat calvaria. <i>Calcified Tissue International</i> , <b>1990</b> , 47, 92-104	3.9	22
71	Origin of the follicular fluid added to the media during bovine IVM influences embryonic development. <i>Theriogenology</i> , <b>1995</b> , 44, 85-94	2.8	21
70	Metabolomic profiling of bovine oviductal fluid across the oestrous cycle using proton nuclear magnetic resonance spectroscopy. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 1021-1028	1.8	20
69	Bovine Oviduct Epithelial Cells Dedifferentiate Partly in Culture, While Maintaining their Ability to Improve Early Embryo Development Rate and Quality. <i>Reproduction in Domestic Animals</i> , <b>2015</b> , 50, 719-296	1.6	20
68	Thymosins $\beta$ 4 and $\beta$ 10 are expressed in bovine ovarian follicles and upregulated in cumulus cells during meiotic maturation. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 1206-21	1.8	20
67	Effects of bone morphogenetic protein 4 (BMP4) supplementation during culture of the sheep ovarian cortex. <i>Animal Reproduction Science</i> , <b>2014</b> , 149, 124-34	2.1	19
66	Assessment of the reproductive parameters, laparoscopic oocyte recovery and the first embryos produced in vitro from endangered Canind $\tilde{e}$ goats ( <i>Capra hircus</i> ). <i>Reproductive Biology</i> , <b>2013</b> , 13, 325-32	2.3	19
65	Comparative results of in vitro and in vivo survival of vitrified in vitro produced goat and sheep embryos. <i>Theriogenology</i> , <b>1999</b> , 51, 175	2.8	19
64	The use of antifreeze protein type III for vitrification of in vitro matured bovine oocytes. <i>Cryobiology</i> , <b>2016</b> , 73, 324-328	2.7	19
63	Porcine oviductal extracellular vesicles interact with gametes and regulate sperm motility and survival. <i>Theriogenology</i> , <b>2020</b> , 155, 240-255	2.8	18
62	Combination of oviduct fluid and heparin to improve monospermic zygotes production during porcine in vitro fertilization. <i>Theriogenology</i> , <b>2016</b> , 86, 495-502	2.8	18
61	Successful use of oviduct epithelial cell coculture for in vitro production of viable red deer ( <i>Cervus elaphus</i> ) embryos. <i>Theriogenology</i> , <b>2005</b> , 64, 1729-39	2.8	18
60	Emerging role of extracellular vesicles in communication of preimplantation embryos in vitro. <i>Reproduction, Fertility and Development</i> , <b>2016</b> , 29, 66-83	1.8	17
59	The Oviductal Extracellular Vesicles tRNA Cargo Regulates the Bovine Embryonic Transcriptome. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
58	Influence of heparin or the presence of cumulus cells during fertilization on the in vitro production of goat embryos. <i>Animal Reproduction Science</i> , <b>2013</b> , 138, 82-9	2.1	16
57	Laparoscopic ovum pick-up and in vitro production of sika deer embryos: effect of season and culture conditions. <i>Theriogenology</i> , <b>2006</b> , 66, 1334-42	2.8	16
56	Effect of sperm survival and CTC staining pattern on in vitro fertilization of porcine oocytes. <i>Theriogenology</i> , <b>2002</b> , 57, 1917-27	2.8	16
55	Assessment of cytoplasmic competence of prepubertal calf oocytes by use of nuclear transfer. <i>Theriogenology</i> , <b>1998</b> , 49, 187	2.8	16

54	Effect of fetal calf serum on the quality of in vitro produced cattle embryos. <i>Theriogenology</i> , <b>1999</b> , 51, 257	2.8	16
53	Inhibitors of c-Jun phosphorylation impede ovine primordial follicle activation. <i>Molecular Human Reproduction</i> , <b>2016</b> , 22, 338-49	4.4	15
52	Steroid hormones regulate sperm-oviduct interactions in the bovine. <i>Reproduction</i> , <b>2017</b> , 154, 497-508	3.8	15
51	Intrinsic quality of goat oocytes already found denuded at collection for in vitro embryo production. <i>Theriogenology</i> , <b>2016</b> , 86, 1989-98	2.8	14
50	Heterologous in vitro fertility evaluation of cryopreserved Iberian red deer epididymal spermatozoa with zona-intact sheep oocytes and its relationship with the characteristics of thawed spermatozoa. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43, 293-298	1.6	14
49	Relative effects of location relative to the corpus luteum and lactation on the transcriptome of the bovine oviduct epithelium. <i>BMC Genomics</i> , <b>2019</b> , 20, 233	4.5	13
48	Three year results of in vitro production of bovine embryos in serum-poor bovine oviduct conditioned medium. An overview. <i>Reproduction, Nutrition, Development</i> , <b>1996</b> , 36, 493-502		13
47	Oviduct Fluid Extracellular Vesicles Change the Phospholipid Composition of Bovine Embryos Developed In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	13
46	Progesterone induces sperm release from oviductal epithelial cells by modifying sperm proteomics, lipidomics and membrane fluidity. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 504, 110723	4.4	11
45	Characterization of bovine oviduct epithelial cell monolayers cultured under serum-free conditions. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>1995</b> , 31, 664-70	2.6	11
44	Protein-free oviduct-conditioned medium for complete bovine embryo development. <i>Veterinary Record</i> , <b>1992</b> , 130, 13	0.9	11
43	Impact of pro-oxidant agents on the morula-blastocyst transition in bovine embryos. <i>Molecular Reproduction and Development</i> , <b>2005</b> , 71, 339-46	2.6	10
42	Sperm interactions with the female reproductive tract: A key for successful fertilization in mammals. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 516, 110956	4.4	10
41	High developmental competence of cattle oocytes maintained at the germinal vesicle stage for 24 hours in culture by specific inhibition of MPF kinase activity <b>2000</b> , 55, 89		10
40	Assessment LOPU-IVF in Japanese sika deer ( <i>Cervus nippon nippon</i> ) and application to Vietnamese sika deer ( <i>Cervus nippon pseudaxis</i> ) a related subspecies threatened with extinction. <i>Theriogenology</i> , <b>2012</b> , 78, 2039-49	2.8	9
39	State-of-the-art production, conservation and transfer of in-vitro-produced embryos in small ruminants. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 437-45	1.8	9
38	Impacts of and interactions between environmental stress and epigenetic programming during early embryo development. <i>Reproduction, Fertility and Development</i> , <b>2015</b> , 27, 1125-36	1.8	8
37	Sonic Hedgehog promotes in vitro oocyte maturation and term development of embryos in Taiwan native goats. <i>Theriogenology</i> , <b>2017</b> , 103, 52-58	2.8	8

36	Can caprine arthritis encephalitis virus (CAEV) be transmitted by in vitro fertilization with experimentally infected sperm?. <i>Theriogenology</i> , <b>2012</b> , 77, 644-51	2.8	7
35	Determination of sex and scrapie resistance genotype in preimplantation ovine embryos. <i>Molecular Reproduction and Development</i> , <b>2009</b> , 76, 183-90	2.6	7
34	Comparison of cell proliferation index in equine and caprine embryos using a modified BrdU incorporation assay. <i>Theriogenology</i> , <b>2005</b> , 64, 1823-32	2.8	7
33	Vitrification of immature and in vitro matured bovine cumulus-oocyte complexes: Effects on oocyte structure and embryo development. <i>Livestock Science</i> , <b>2017</b> , 199, 50-56	1.7	6
32	Identification of 56 Proteins Involved in Embryo-Maternal Interactions in the Bovine Oviduct. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
31	Influence of metabolic status and genetic merit for fertility on proteomic composition of bovine oviduct fluid. <i>Biology of Reproduction</i> , <b>2019</b> , 101, 893-905	3.9	6
30	Effect of different culture systems on adipocyte differentiation-related protein (ADRP) in bovine embryos. <i>Animal Reproduction Science</i> , <b>2014</b> , 145, 105-13	2.1	6
29	The effect of a GnRH agonist on follicular dynamics and response to FSH stimulation in prepubertal calves. <i>Reproduction, Nutrition, Development</i> , <b>1999</b> , 39, 133-44		6
28	Sperm migration, selection, survival, and fertilizing ability in the mammalian oviduct. <i>Biology of Reproduction</i> , <b>2021</b> , 105, 317-331	3.9	6
27	In Vitro Culture of Embryos from LOPU-Derived Goat Oocytes. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2006, 141-153	1.4	5
26	Intraoviductal concentrations of steroid hormones during in vitro culture changed phospholipid profiles and cryotolerance of bovine embryos. <i>Molecular Reproduction and Development</i> , <b>2019</b> , 86, 661-672	2.6	5
25	In vitro survival of follicles in prepubertal ewe ovarian cortex cryopreserved by slow freezing or non-equilibrium vitrification. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2019</b> , 36, 1823-1835	3.4	5
24	Preimplantation genetic diagnosis in Welsh pony embryos after biopsy and cryopreservation. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 5222-31	0.7	5
23	Correlations between chemical parameters, mitogenic activity and embryotrophic activity of bovine oviduct-conditioned medium. <i>Theriogenology</i> , <b>1997</b> , 48, 659-73	2.8	5
22	Sex and PRNP genotype determination in preimplantation caprine embryos. <i>Reproduction in Domestic Animals</i> , <b>2011</b> , 46, 656-63	1.6	4
21	La maturation de l'ovocyte de mammifères.. <i>Medecine/Sciences</i> , <b>1999</b> , 15, 148		4
20	Oral propylene glycol modifies follicular fluid and gene expression profiles in cumulus-oocyte complexes and embryos in feed-restricted heifers. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 417-429	1.8	4
19	Different co-culture systems have the same impact on bovine embryo transcriptome. <i>Reproduction</i> , <b>2017</b> , 154, 695-710	3.8	3



18	Graphene oxide: A glimmer of hope for Assisted Reproductive Technology. <i>Carbon</i> , <b>2019</b> , 150, 518-530	10.4	3
17	Research on fertility, evolution, or revolution?. <i>Animal Frontiers</i> , <b>2015</b> , 5, 4-6	5.5	3
16	Genetic merit for fertility alters the bovine uterine luminal fluid proteome. <i>Biology of Reproduction</i> , <b>2020</b> , 102, 730-739	3.9	3
15	In vitro production of small ruminant embryos: latest improvements and further research. <i>Reproduction, Fertility and Development</i> , <b>2021</b> , 33, 31	1.8	3
14	Easy, quick and cheap technique to cryopreserve Welsh B pony blastocyst. <i>Journal of Equine Veterinary Science</i> , <b>2016</b> , 41, 53	1.2	2
13	F-013. In-vitro maturation of oocytes from domestic species. <i>Human Reproduction</i> , <b>1999</b> , 14, 384-385	5.7	2
12	Factors that affect oocyte vitrification in small ruminants. <i>Revista Brasileira De Ciãcia Veterinãria</i> , <b>2014</b> , 21, 69-75	1	2
11	Attachment of <i>Coxiella burnetii</i> to the zona pellucida of in vitro produced goat embryos. <i>Theriogenology</i> , <b>2018</b> , 106, 259-264	2.8	1
10	The activity of three glycosidases (Hexosylacetylglucosaminidase, Hexosylmannosidase, and Hexosylgalactosidase) in the follicular fluid and in the maturation medium affects bovine oocyte maturation. <i>Theriogenology</i> , <b>2016</b> , 85, 1468-75	2.8	1
9	Establishment of pregnancies after transfer of biopsied equine embryos. <i>Journal of Equine Veterinary Science</i> , <b>2012</b> , 32, 402-403	1.2	1
8	Reproductive Seasonality Affects In Vitro Embryo Production Outcomes in Adult Goats. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
7	Spatiotemporal profiling of the bovine oviduct fluid proteome around the time of ovulation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4135	4.9	1
6	Enzymatic activity of mouse group X-sPLA2 improves in vitro production of preimplantation bovine embryos. <i>Theriogenology</i> , <b>2019</b> , 131, 113-122	2.8	0
5	Antifreeze proteins for low-temperature preservation in reproductive medicine: A systematic review over the last three decades. <i>Theriogenology</i> , <b>2021</b> , 176, 94-103	2.8	0
4	Use of MALDI-TOF mass spectrometry to explore the peptidome and proteome of in-vitro produced bovine embryos pre-exposed to oviduct fluid. <i>Reproductive Biology</i> , <b>2021</b> , 21, 100545	2.3	0
3	Dynamic Changes in the Proteome of Early Bovine Embryos Developed .. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 863700	5.7	0
2	Porcine oocyte preincubation in oviductal fluid flush before fertilization in the presence of oviductal epithelial cells improves monospermic zygote production. <i>Zygote</i> , <b>2021</b> , 29, 350-357	1.6	
1	Metabolomic analysis of oviduct fluid on day 3 post-estrus in Holstein heifers. <i>Reproductive Biology</i> , <b>2021</b> , 21, 100512	2.3	

