Marc-AndrÃ© Sirard

List of Publications by Year
in descending order

205	9,744	28274	48315
papers	citations	55 h-index	88 g-index

207	207	207	5133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melatonin Signaling Pathways Implicated in Metabolic Processes in Human Granulosa Cells (KGN). International Journal of Molecular Sciences, 2022, 23, 2988.	4.1	7
2	Bovine oocyte exposure to perfluorohexane sulfonate (PFHxS) induces phenotypic, transcriptomic, and DNA methylation changes in resulting embryos in vitro. Reproductive Toxicology, 2022, 109, 19-30.	2.9	3
3	Transcriptome and epigenome analysis of porcine embryos from non-esterified fatty acid-exposed oocytes. Domestic Animal Endocrinology, 2021, 76, 106605.	1.6	5
4	Epigenomic and transcriptomic analyses reveal early activation of the HPG axis in in vitroâ€produced male dairy calves. FASEB Journal, 2021, 35, e21882.	0.5	7
5	Cocultured porcine granulosa cells respond to excess non-esterified fatty acids during in vitro maturation. Journal of Ovarian Research, 2021, 14, 142.	3.0	2
6	Effects of NEFAs during IVM on pig embryos from granulosa cellâ€cocultured oocytes. Molecular Reproduction and Development, 2021, 88, 805-816.	2.0	1
7	Epigenetic inheritance of acquired traits through DNA methylation. Animal Frontiers, 2021, 11, 19-27.	1.7	11
8	Gene cascade analysis in human granulosa tumor cells (KGN) following exposure to high levels of free fatty acids and insulin. Journal of Ovarian Research, 2021, 14, 178.	3.0	2
9	The effects of LH inhibition with cetrorelix on cumulus cell gene expression during the luteal phase under ovarian coasting stimulation in cattle. Domestic Animal Endocrinology, 2020, 72, 106429.	1.6	3
10	The age of the bull influences the transcriptome and epigenome of blastocysts produced by IVF. Theriogenology, 2020, 144, 122-131.	2.1	36
11	Embryonic response to high beta-hydroxybutyrate (BHB) levels in postpartum dairy cows. Domestic Animal Endocrinology, 2020, 72, 106431.	1.6	16
12	Specific imprinted genes demethylation in association with oocyte donorâ€™s age and culture conditions in bovine embryos assessed at day 7 and 12 post insemination. Theriogenology, 2020, 158, 321-330.	2.1	9
13	Effects of follicular ablation and GnRH on synchronization of ovulation and conception rates in embryo recipient heifers. Animal Reproduction Science, 2020, 221, 106596.	1.5	1
14	DNA methylation status of bovine blastocysts obtained from peripubertal oocyte donors. Molecular Reproduction and Development, 2020, 87, 910-924.	2.0	4
15	Sperm miRNAsâ€" potential mediators of bull age and early embryo development. BMC Genomics, 2020, 21, 798.	2.8	24
16	Mitoepigenetics: Methylation of mitochondrial DNA is strandâ€biased in bovine oocytes and embryos. Reproduction in Domestic Animals, 2020, 55, 1455-1458.	1.4	3
17	Gene analysis of major signaling pathways regulated by gonadotropins in human ovarian granulosa tumor cells (KGN)â€. Biology of Reproduction, 2020, 103, 583-598.	2.7	6
18	Patients who failed to conceive following an in vitro fertilization cycle can be clustered into different failure causes using gene expression hierarchical analysisâ€. Biology of Reproduction, 2020, 103, 599-607.	2.7	2

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19	Distribution and dynamics of mitochondrial DNA methylation in oocytes, embryos and granulosa cells. Scientific Reports, 2019, 9, 11937.	3.3	34
20	Gene expression analysis of follicular cells revealed inflammation as a potential IVF failure cause. Journal of Assisted Reproduction and Genetics, 2019, 36, 1195-1210.	2.5	16
21	Folliculogenesis and acquisition of oocyte competence in cows. Animal Reproduction, 2019, 16, 449-454.	1.0	15
22	ASAS-SSR Triennial Reproduction Symposium: The use of natural cycleâ€™s follicular dynamic to improve oocyte quality in dairy cows and heifers1,2. Journal of Animal Science, 2018, 96, 2971-2976.	0.5	7
23	Availability, Quality, and Relevance of Toxicogenomics Data for Human Health Risk Assessment: A Scoping Review of the Literature on Trihalomethanes. Toxicological Sciences, 2018, 163, 364-373.	3.1	9
24	40 years of bovine IVF in the new genomic selection context. Reproduction, 2018, 156, R1-R7.	2.6	60
25	Follicle capacitation: a meta-analysis to investigate the transcriptome dynamics following follicle-stimulating hormone decline in bovine granulosa cellsâ€. Biology of Reproduction, 2018, 99, 877-887.	2.7	13
26	Successful in vitro maturation of oocytes: a matter of follicular differentiation. Biology of Reproduction, 2018, 98, 162-169.	2.7	49
27	Spermatozoa DNA methylation patterns differ due to peripubertal age in bulls. Theriogenology, 2018, 106, 21-29.	2.1	50
28	Influence of luteinizing hormone support on granulosa cells transcriptome in cattle. Animal Science Journal, 2018, 89, 21-30.	1.4	6
29	Metabolic stress induces modifications in the epigenetic program of preimplantation bovine embryos. Molecular Reproduction and Development, 2018, 85, 117-127.	2.0	10
30	Lipid profile of bovine blastocysts exposed to insulin during in vitro oocyte maturation. Reproduction, Fertility and Development, 2018, 30, 1253.	0.4	4
31	Short-term effect of FSH on gene expression in bovine granulosa cells in vitro. Reproduction, Fertility and Development, 2018, 30, 1154.	0.4	8
32	DNA methylation pattern of bovine blastocysts associated with hyperinsulinemia in vitro. Molecular Reproduction and Development, 2018, 85, 599-611.	2.0	9
33	Genome-wide screening of DNA methylation in bovine blastocysts with different kinetics of development. Epigenetics and Chromatin, 2018, 11, 1.	3.9	56
34	Effect of heifer age on the granulosa cell transcriptome after ovarian stimulation. Reproduction, Fertility and Development, 2018, 30, 980.	0.4	4
35	Transcriptomic evaluation of bovine blastocysts obtained from peri-pubertal oocyte donors. Theriogenology, 2017, 93, 111-123.	2.1	16
36	Mechanisms involved in porcine early embryo survival following ethanol exposure. Toxicological Sciences, 2017, 156, kfw256.	3.1	10

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37	Barriers to the use of toxicogenomics data in human health risk assessment: A survey of Canadian risk assessors. Regulatory Toxicology and Pharmacology, 2017, 85, 119-123.	2.7	16
38	Regulation of ATF1 and ATF2 transcripts by sequences in their 3â€² untranslated region in cleavageâ€stage cattle embryos. Molecular Reproduction and Development, 2017, 84, 296-309.	2.0	18
39	The influence of in vitro fertilization and embryo culture on the embryo epigenetic constituents and the possible consequences in the bovine model. Journal of Developmental Origins of Health and Disease, 2017, 8, 411-417.	1.4	30
40	Comparative analysis of granulosa cell gene expression in association with oocyte competence in FSH-stimulated Holstein cows. Reproduction, Fertility and Development, 2017, 29, 2324.	0.4	8
41	Insulin during inÂvitro oocyte maturation has an impact on development, mitochondria, and cytoskeleton in bovine day 8 blastocysts. Theriogenology, 2017, 101, 15-25.	2.1	17
42	Active 3Ê¹â€“5Ê¹ cyclic nucleotide phosphodiesterases are present in detergent-resistant membranes of mural granulosa cells. Reproduction, Fertility and Development, 2017, 29, 778.	0.4	8
43	Transcriptomic analysis of gene cascades involved in protein kinase A and C signaling in the KGN line of human ovarian granulosa tumor cellsâ€. Biology of Reproduction, 2017, 96, 855-865.	2.7	16
44	Accumulation of Chromatin Remodelling Enzyme and Histone Transcripts in Bovine Oocytes. Results and Problems in Cell Differentiation, 2017, 63, 223-255.	0.7	15
45	J DOHaD issue on ART and DOHaD. Journal of Developmental Origins of Health and Disease, 2017, 8, 385-386.	1.4	0
46	Transcriptome analysis of bovine oocytes from distinct follicle sizes: Insights from correlation network analysis. Molecular Reproduction and Development, 2016, 83, 558-569.	2.0	34
47	Stable reference genes in granulosa cells of bovine dominant follicles during follicular growth, FSH stimulation and maternal aging. Reproduction, Fertility and Development, 2016, 28, 795.	0.4	15
48	Somatic environment and germinal differentiation in antral follicle: The effect of FSH withdrawal and basal LH on oocyte competence acquisition in cattle. Theriogenology, 2016, 86, 54-61.	2.1	27
49	Transcriptional characteristics of different sized follicles in relation to embryo transferability: potential role of hepatocyte growth factor signalling. Molecular Human Reproduction, 2016, 22, 475-484.	2.8	24
50	Effect of cow age on the inÂvitro developmental competence of oocytes obtained after FSH stimulation and coasting treatments. Theriogenology, 2016, 86, 1240-1246.	2.1	51
51	Low concentrations of bromodichloromethane induce a toxicogenomic response in porcine embryos in vitro. Reproductive Toxicology, 2016, 66, 44-55.	2.9	10
52	Transcriptome meta-analysis of three follicular compartments and its correlation with ovarian follicle maturity and oocyte developmental competence in cows. Physiological Genomics, 2016, 48, 633-643.	2.3	28
53	Responses of bovine early embryos to S-adenosyl methionine supplementation in culture. Epigenomics, 2016, 8, 1039-1060.	2.1	18
54	Meta-analysis of gene expression profiles in granulosa cells during folliculogenesis. Reproduction, 2016, 151, R103-R110.	2.6	31

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55	Epigenetic modification with trichostatin A does not correct specific errors of somatic cell nuclear transfer at the transcriptomic level; highlighting the non-random nature of oocyte-mediated reprogramming errors. BMC Genomics, 2016, 17, 16.	2.8	41
56	Interaction between differential gene expression profile and phenotype in bovine blastocysts originating from oocytes exposed to elevated non-esterified fatty acid concentrations. Reproduction, Fertility and Development, 2015, 27, 372.	0.4	37
57	Hyperinsulinemia during in vitro oocyte maturation changes gene expression of insulin signaling in bovine Day-8 embryos. Acta Veterinaria Scandinavica, 2015, 57, O10.	1.6	1
58	Chromatin remodelling and histone _mRNA accumulation in bovine germinal vesicle oocytes. Molecular Reproduction and Development, 2015, 82, 450-462.	2.0	38
59	Transcriptome profiling of bovine inner cell mass and trophectoderm derived from in vivo generated blastocysts. BMC Developmental Biology, 2015, 15, 49.	2.1	40
60	Characterization of FSH signalling networks in bovine cumulus cells: a perspective on oocyte competence acquisition. Molecular Human Reproduction, 2015, 21, 688-701.	2.8	35
61	Global gene expression in granulosa cells of growing, plateau and atretic dominant follicles in cattle. Reproductive Biology and Endocrinology, 2015, 13, 17.	3.3	49
62	Transcriptomic analysis of cyclic AMP response in bovine cumulus cells. Physiological Genomics, 2015, 47, 432-442.	2.3	19
63	Effects of intramuscular administration of folic acid and vitamin B12 on granulosa cells gene expression in postpartum dairy cows. Journal of Dairy Science, 2015, 98, 7797-7809.	3.4	21
64	The effect of energy balance on the transcriptome of bovine granulosa cells at 60Âdays postpartum. Theriogenology, 2015, 84, 1350-1361.e6.	2.1	21
65	Individual bovine inÂvitro embryo production and cumulus cell transcriptomic analysis to distinguish cumulus-oocyte complexes with high or low developmental potential. Theriogenology, 2015, 83, 228-237.	2.1	54
66	Genome-Wide DNA Methylation Patterns of Bovine Blastocysts Developed In Vivo from Embryos Completed Different Stages of Development In Vitro. PLoS ONE, 2015, 10, e0140467.	2.5	76
67	Discovery, identification and sequence analysis of RNAs selected for very short or long poly A tail in immature bovine oocytes. Molecular Human Reproduction, 2014, 20, 127-138.	2.8	21
68	Cumulus cell gene expression associated with pre-ovulatory acquisition of developmental competence in bovine oocytes. Reproduction, Fertility and Development, 2014, 26, 855.	0.4	33
69	The impact of exposure to serum lipids during inÂvitro culture on the transcriptome of bovine blastocysts. Theriogenology, 2014, 81, 712-722.e3.	2.1	33
70	Gene expression analysis of bovine oocytes at optimal coasting time combined with GnRH antagonist during theÂno-FSH period. Theriogenology, 2014, 81, 1092-1100.	2.1	17
71	The study of mammalian oocyte competence by transcriptome analysis: progress and challenges. Molecular Human Reproduction, 2014, 20, 103-116.	2.8	77
72	Preface. Animal Reproduction Science, 2014, 149, 1-2.	1.5	0

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73	Rapidly cleaving bovine twoâ€cell embryos have better developmental potential and a distinctive mRNA pattern. Molecular Reproduction and Development, 2014, 81, 31-41.	2.0	15
74	Toward building the cow folliculome. Animal Reproduction Science, 2014, 149, 90-97.	1.5	8
75	Granulosa cell function and oocyte competence: Super-follicles, super-moms and super-stimulation in cattle. Animal Reproduction Science, 2014, 149, 80-89.	1.5	27
76	Transcriptome analysis of bovine granulosa cells of preovulatory follicles harvested 30, 60, 90, and 120Âdays postpartum. Theriogenology, 2014, 82, 580-591.e5.	2.1	11
77	FSH in vitro versus LH in vivo: similar genomic effects on the cumulus. Journal of Ovarian Research, 2013, 6, 68.	3.0	22
78	Transcriptomic signature to oxidative stress exposure at the time of embryonic genome activation in bovine blastocysts. Molecular Reproduction and Development, 2013, 80, 297-314.	2.0	30
79	Gene Expression Analysis of Bovine Oocytes With High Developmental Competence Obtained From FSHâ€stimulated Animals. Molecular Reproduction and Development, 2013, 80, 428-440.	2.0	35
80	Evolutionary conservation of the oocyte transcriptome among vertebrates and its implications for understanding human reproductive function. Molecular Human Reproduction, 2013, 19, 369-379.	2.8	24
81	Effect of ovarian stimulation on oocyte gene expression in cattle. Theriogenology, 2012, 77, 1928-1938.	2.1	51
82	Analysis of microRNAs and their precursors in bovine early embryonic development. Molecular Human Reproduction, 2012, 18, 425-434.	2.8	92
83	Gene expression analysis of bovine blastocysts produced by parthenogenic activation or fertilisation. Reproduction, Fertility and Development, 2011, 23, 591.	0.4	8
84	Transcriptomic analysis of in vivo and in vitro produced bovine embryos revealed a developmental change in cullin 1 expression during maternal-to-embryonic transition. Theriogenology, 2011, 75, 1582-1595.	2.1	32
85	Analysis of the gene expression pattern of bovine blastocysts at three stages of development. Molecular Reproduction and Development, 2011, 78, 226-240.	2.0	31
86	Combining resources to obtain a comprehensive survey of the bovine embryo transcriptome through deep sequencing and microarrays. Molecular Reproduction and Development, 2011, 78, 651-664.	2.0	91
87	Biomarkers of human oocyte developmental competence expressed in cumulus cells before ICSI: a preliminary study. Journal of Assisted Reproduction and Genetics, 2011, 28, 173-188.	2.5	73
88	Is aneuploidy a defense mechanism to prevent maternity later in a womanâ€™s life. Journal of Assisted Reproduction and Genetics, 2011, 28, 209-210.	2.5	5
89	Follicle environment and quality of in vitro matured oocytes. Journal of Assisted Reproduction and Genetics, 2011, 28, 483-488.	2.5	69
90	Genomic assessment of follicular marker genes as pregnancy predictors for human IVF. Molecular Human Reproduction, 2010, 16, 87-96.	2.8	70

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91	Providing a stable methodological basis for comparing transcript abundance of developing embryos using microarrays. Molecular Human Reproduction, 2010, 16, 601-616.	2.8	22
92	OMICS in assisted reproduction: possibilities and pitfalls. Molecular Human Reproduction, 2010, 16, 513-530.	2.8	113
93	Identification of follicular marker genes as pregnancy predictors for human IVF: new evidence for the involvement of luteinization process. Molecular Human Reproduction, 2010, 16, 548-556.	2.8	43
94	Gene expression profile of cumulus cells derived from cumulus - oocyte complexes matured either in vivo or in vitro. Reproduction, Fertility and Development, 2009, 21, 451.	0.4	83
95	Real-time monitoring of aRNA production during T7 amplification to prevent the loss of sample representation during microarray hybridization sample preparation. Nucleic Acids Research, 2009, 37, e65-e65.	14.5	17
96	The dynamics of gene products fluctuation during bovine preâ€hatching development. Molecular Reproduction and Development, 2009, 76, 762-772.	2.0	29
97	An environmentally relevant mixture of organochlorines, their metabolites and effects on preimplantation development of porcine embryos. Reproductive Toxicology, 2008, 25, 361-366.	2.9	8
98	Identification of Potential Markers of Oocyte Competence Expressed in Bovine Cumulus Cells Matured with Follicle-Stimulating Hormone and/or Phorbol Myristate Acetate In Vitro. Biology of Reproduction, 2008, 79, 209-222.	2.7	172
99	Identification of differentially expressed markers in human follicular cells associated with competent oocytes. Human Reproduction, 2008, 23, 1118-1127.	0.9	207
100	Effect of an environmentally relevant metabolized organochlorine mixture on porcine cumulusâ€“oocyte complexes. Reproductive Toxicology, 2007, 23, 145-152.	2.9	21
101	Large-scale transcriptional analysis of bovine embryo biopsies in relation to pregnancy success after transfer to recipients. Physiological Genomics, 2006, 28, 84-96.	2.3	211
102	Identification and characterization of a novel bovine oocyte-specific secreted protein gene. Gene, 2006, 375, 44-53.	2.2	9
103	Contribution of the oocyte to embryo quality. Theriogenology, 2006, 65, 126-136.	2.1	436
104	Maternal housekeeping proteins translated during bovine oocyte maturation and early embryo development. Proteomics, 2006, 6, 3811-3820.	2.2	45
105	Expression of Cyclin B1 Messenger RNA Isoforms and Initiation of Cytoplasmic Polyadenylation in the Bovine Oocyte1. Biology of Reproduction, 2005, 72, 1037-1044.	2.7	55
106	Identification of Novel and Known Oocyte-Specific Genes Using Complementary DNA Subtraction and Microarray Analysis in Three Different Species1. Biology of Reproduction, 2005, 73, 63-71.	2.7	61
107	Evaluation of virus decontamination techniques for porcine embryos produced in vitro. Theriogenology, 2005, 63, 2343-2355.	2.1	15
108	Transcription Factor Expression Patterns in Bovine In Vitro-Derived Embryos Prior to Maternal-Zygotic Transition1. Biology of Reproduction, 2004, 70, 1701-1709.	2.7	108

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109	Identification of Porcine Oocyte Proteins That Are Associated with Somatic Cell Nuclei after Co-Incubation1. Biology of Reproduction, 2004, 71, 1279-1289.	2.7	30
110	Origin of bovine follicular fluid and its effect during in vitro maturation on the developmental competence of bovine oocytes. Theriogenology, 2004, 62, 1596-1606.	2.1	32
111	Localization of the Chaperone Proteins GRP78 and HSP60 on the Luminal Surface of Bovine Oviduct Epithelial Cells and Their Association with Spermatozoa1. Biology of Reproduction, 2004, 71, 1879-1889.	2.7	76
112	Making recombinant proteins in animals â€“ different systems, different applications. Trends in Biotechnology, 2003, 21, 394-399.	9.3	122
113	Quantification of Histone Acetyltransferase and Histone Deacetylase Transcripts During Early Bovine Embryo Development1. Biology of Reproduction, 2003, 68, 383-389.	2.7	97
114	Antioxidant requirements for bovine oocytes varies during in vitro maturation, fertilization and development. Theriogenology, 2003, 59, 939-949.	2.1	181
115	Effect of cycloheximide, 6-DMAP, roscovitine and butyrolactone I on resumption of meiosis in porcine oocytes. Theriogenology, 2003, 60, 1049-1058.	2.1	60
116	Reversible changes in protein phosphorylation during germinal vesicle breakdown and pronuclear formation in bovine oocytes in vitro. Zygote, 2003, 11, 119-129.	1.1	7
117	Characterization and Identification of Epididymal Factors That Protect Ejaculated Bovine Sperm During In Vitro Storage1. Biology of Reproduction, 2002, 66, 159-166.	2.7	48
118	Quantification of Cyclin B1 and p34cdc2 in Bovine Cumulus-Oocyte Complexes and Expression Mapping of Genes Involved in the Cell Cycle by Complementary DNA Macroarrays1. Biology of Reproduction, 2002, 67, 1456-1464.	2.7	47
119	Effect of the Absence or Presence of Various Protein Supplements on Further Development of Bovine Oocytes During In Vitro Maturation1. Biology of Reproduction, 2002, 66, 901-905.	2.7	112
120	An Environmentally Relevant Organochlorine Mixture Impairs Sperm Function and Embryo Development in the Porcine Model1. Biology of Reproduction, 2002, 67, 80-87.	2.7	43
121	Effect of Bovine Oviduct Epithelial Cell Apical Plasma Membranes on Sperm Function Assessed by a Novel Flow Cytometric Approach1. Biology of Reproduction, 2002, 67, 1125-1132.	2.7	41
122	Manipulation of Follicular Development to Produce Developmentally Competent Bovine Oocytes1. Biology of Reproduction, 2002, 66, 38-43.	2.7	192
123	Effect of Type 3 and Type 4 Phosphodiesterase Inhibitors on the Maintenance of Bovine Oocytes in Meiotic Arrest1. Biology of Reproduction, 2002, 66, 180-184.	2.7	81
124	Quantification of Housekeeping Transcript Levels During the Development of Bovine Preimplantation Embryos1. Biology of Reproduction, 2002, 67, 1465-1472.	2.7	182
125	The effects of 17Î²-estradiol and protein supplement on the response to purified and recombinant follicle stimulating hormone in bovine oocytes. Zygote, 2002, 10, 65-71.	1.1	44
126	Reactive oxygen species-mediated loss of bovine sperm motility in egg yolk Tris extender: protection by pyruvate, metal chelators and bovine liver or oviductal fluid catalase. Theriogenology, 2002, 57, 1105-1122.	2.1	97

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127	Differential Display and Suppressive Subtractive Hybridization Used to Identify Granulosa Cell Messenger RNA Associated with Bovine Oocyte Developmental Competence1. Biology of Reproduction, 2001, 64, 1812-1820.	2.7	73
128	The effect of heparin on motility parameters and protein phosphorylation during bovine sperm capacitation. Theriogenology, 2001, 55, 823-835.	2.1	69
129	The influence of cumulus-oocyte complex morphology and meiotic inhibitors on the kinetics of nuclear maturation in cattle. Theriogenology, 2001, 55, 911-922.	2.1	22
130	Resumption of meiosis: mechanism involved in meiotic progression and its relation with developmental competence. Theriogenology, 2001, 55, 1241-1254.	2.1	146
131	The influence of cAMP before or during bovine oocyte maturation on embryonic developmental competence. Theriogenology, 2001, 55, 1733-1743.	2.1	50
132	Thiols prevent H2O2-mediated loss of sperm motility in cryopreserved bull semen. Theriogenology, 2001, 56, 275-286.	2.1	243
133	Impaired Maturation, Fertilization, and Embryonic Development of Porcine Oocytes Following Exposure to an Environmentally Relevant Organochlorine Mixture1. Biology of Reproduction, 2001, 65, 554-560.	2.7	80
134	Influence of oviductal cells and conditioned medium on porcine gametes. Zygote, 2000, 8, 139-144.	1.1	43
135	Ovulation and follicular growth in gonadotropin-treated gilts followed by in vitro fertilization and development of their oocytes. Theriogenology, 2000, 53, 1421-1437.	2.1	10
136	Epithelial and stromal uterine cells cultured in vitro protect bovine sperm from hydrogen peroxide. Theriogenology, 2000, 54, 355-369.	2.1	16
137	Effect of growth factors and CO-culture with ovarian medulla on the activation of primordial follicles in explants of bovine ovarian cortex. Theriogenology, 2000, 54, 587-598.	2.1	34
138	Seminal vesicle production and secretion of growth hormone into seminal fluid. Nature Biotechnology, 1999, 17, 1087-1090.	17.5	29
139	Protein phosphorylation is essential for formation of male pronucleus in bovine oocytes. Molecular Reproduction and Development, 1999, 52, 43-49.	2.0	14
140	The time interval between FSH administration and ovarian aspiration influences the development of cattle oocytes. Theriogenology, 1999, 51, 699-708.	2.1	86
141	Protein phosphorylation in bovine oocytes following fertilisation and parthenogenetic activation in vitro. Zygote, 1999, 7, 135-142.	1.1	3
142	Controlling meiotic resumption in bovine oocytes: A review. Theriogenology, 1998, 49, 483-497.	2.1	69
143	Binding of a Bovine Oviductal Fluid Catalase to Mammalian Spermatozoa1. Biology of Reproduction, 1998, 58, 747-753.	2.7	74
144	Oocyte quality and embryo production in cattle. Canadian Journal of Animal Science, 1998, 78, 513-516.	1.5	4

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145	Effect of bovine follicular fluid from healthy and atretic follicles on follicle-stimulating hormone-induced production of estradiol by bovine granulosa cells cultured in vitro.. Journal of Animal Science, 1998, 76, 1172.	0.5	5
146	Immunoneutralization of Transforming Growth Factor Î± Present in Bovine Follicular Fluid Prevents the Suppression of the Follicle-Stimulating Hormone-Induced Production of Estradiol by Bovine Granulosa Cells Cultured in Vitro1. Biology of Reproduction, 1997, 57, 341-346.	2.7	19
147	Role of the Cyclic Adenosine Monophosphate-Dependent Protein Kinase in the Control of Meiotic Resumption in Bovine Oocytes Cultured with Thecal Cell Monolayers1. Biology of Reproduction, 1997, 56, 1363-1369.	2.7	24
148	In vitro production of bovine embryos: Developmental competence is acquired before maturation. Theriogenology, 1997, 47, 1061-1075.	2.1	163
149	Effects of conditioned media on porcine embryos at different stages of development. Theriogenology, 1997, 47, 1337-1345.	2.1	4
150	The time interval between FSH-P administration and slaughter can influence the developmental competence of beef heifer oocytes. Theriogenology, 1997, 48, 803-813.	2.1	55
151	In vitro development of embryos from superovulated gilts treated with the progesterone agonist, altrenogest (Regu-Mate) or the prostaglandin analogue, cloprostenol (Planate). Theriogenology, 1996, 46, 1045-1052.	2.1	3
152	The effect of preincubation of frozen-thawed spermatozoa with oviductal cells on the in vitro penetration of porcine oocytes. Theriogenology, 1996, 46, 1181-1189.	2.1	6
153	Superovulation can reduce the developmental competence of bovine embryos. Theriogenology, 1996, 46, 1191-1203.	2.1	78
154	Effects of harvest methods of bovine oocytes co-cultured with follicular hemisections in vitro on nuclear maturation. Theriogenology, 1996, 46, 1243-1250.	2.1	5
155	Oocyte maturation and IVF in cattle. Animal Reproduction Science, 1996, 42, 417-426.	1.5	109
156	Effect of steroids and oviductal cells, from the different parts of the oviduct, on the incidence of monospermy in porcine in vitro fertilization. Theriogenology, 1996, 46, 449-458.	2.1	6
157	Effect of progesterone and/or estradiol-17Î² on sperm penetration in vitro of bovine oocytes. Theriogenology, 1996, 46, 459-469.	2.1	5
158	Effects of gonadotropin treatment on ovarian follicle growth, oocyte quality and in vitro fertilization of oocytes in prepubertal gilts. Theriogenology, 1996, 46, 717-726.	2.1	16
159	Modulation of Postthaw Motility, Survival, Calcium Uptake, and Fertility of Bovine Sperm by Magnesium and Manganese. Journal of Dairy Science, 1996, 79, 2163-2169.	3.4	26
160	Follicle-stimulating hormone-induced estradiol and progesterone production by bovine antral and mural granulosa cells cultured in vitro in a completely defined medium.. Journal of Animal Science, 1996, 74, 3012.	0.5	42
161	Protein synthesis is not required for male pronuclear formation in bovine zygotes. Zygote, 1996, 4, 41-48.	1.1	19
162	Analysis of Atresia in Bovine Follicles Using Different Methods: Flow Cytometry, Enzyme-Linked Immunosorbent Assay, and Classic Histology1. Biology of Reproduction, 1996, 54, 631-637.	2.7	62

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163	Effects of follicular cells on oocyte maturation. I: Effects of follicular hemisections on bovine oocyte maturation in vitro. Biology of Reproduction, 1996, 54, 16-21.	2.7	61
164	Resumption of Meiosis is Initiated by the Accumulation of Cyclin B in Bovine Oocytes1. Biology of Reproduction, 1996, 55, 1427-1436.	2.7	94
165	Effects of follicular cells on oocyte maturation. II: Theca cell inhibition of bovine oocyte maturation in vitro. Biology of Reproduction, 1996, 54, 22-28.	2.7	85
166	Oocyte and follicular morphology as determining characteristics for developmental competence in bovine oocytes. Molecular Reproduction and Development, 1995, 41, 54-62.	2.0	390
167	Effect of microinjection time during postfertilization S-phase on bovine embryonic development. Molecular Reproduction and Development, 1995, 41, 184-194.	2.0	24
168	Effect of coculturing spermatozoa with oviductal cells on the incidence of polyspermy in pig in vitro fertilization. Molecular Reproduction and Development, 1995, 41, 360-367.	2.0	26
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