

# Akio Miyamoto

## List of Publications by Year in descending order

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129  
papers

3,273  
citations

125106

35  
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198040

52  
g-index

134  
all docs

134  
docs citations

134  
times ranked

1973  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of calcitriol and estradiol on the SARS-CoV-2 biological activity: a molecular modeling approach. <i>Scientific Reports</i> , 2022, 12, 717.	1.6	10
2	Zearalenone interferes with the sperm-triggered inflammation in the bovine uterus in vitro: Negative impact on sperm motility and survival. <i>Reproductive Toxicology</i> , 2022, 107, 81-89.	1.3	5
3	Toll-like Receptor 2 is Involved in Calcium Influx and Acrosome Reaction to Facilitate Sperm Penetration to Oocytes During in vitro Fertilization in Cattle. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 810961.	1.8	3
4	Progesterone and Inflammatory Response in the Oviduct during Physiological and Pathological Conditions. <i>Cells</i> , 2022, 11, 1075.	1.8	8
5	Epidermal growth factor alleviates the negative impact of urea on frozen-thawed bovine sperm, but the subsequent developmental competence is compromised. <i>Scientific Reports</i> , 2021, 11, 4687.	1.6	9
6	The growth hormone and insulin-like growth factor 1 axis in cattle during the peri-ovulatory period activates the synthesis and release of oviductal contraction related substances. <i>Molecular Reproduction and Development</i> , 2021, 88, 201-210.	1.0	4
7	Neutrophils recognize and amplify IFNT signals derived from day 7 bovine embryo for stimulation of ISGs expression in vitro: A possible implication for the early maternal recognition of pregnancy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 553, 37-43.	1.0	6
8	Day 7 Embryos Change the Proteomics and Exosomal Micro-RNAs Content of Bovine Uterine Fluid: Involvement of Innate Immune Functions. <i>Frontiers in Genetics</i> , 2021, 12, 676791.	1.1	7
9	Sperm interaction with the uterine innate immune system: toll-like receptor 2 (TLR2) is a main sensor in cattle. <i>Reproduction, Fertility and Development</i> , 2021, 34, 139-148.	0.1	13
10	Possible impact of neutrophils on immune responses during early pregnancy in ruminants. <i>Animal Reproduction</i> , 2021, 18, e20210048.	0.4	4
11	Peptidoglycan disrupts early embryo-maternal crosstalk via suppression of ISGs expression induced by interferon-tau in the bovine endometrium. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 101-107.	1.0	3
12	Toll-like receptor 2 mediates the immune response of the bovine oviductal ampulla to sperm binding. <i>Molecular Reproduction and Development</i> , 2020, 87, 1059-1069.	1.0	9
13	A multilevel analysis identifies the different relationships between amino acids and the competence of oocytes matured individually or in groups. <i>Scientific Reports</i> , 2020, 10, 16082.	1.6	7
14	Sensing sperm via maternal immune system: a potential mechanism for controlling microenvironment for fertility in the cow. <i>Journal of Animal Science</i> , 2020, 98, S88-S95.	0.2	9
15	FOXL2 is a Progesterone Target Gene in the Endometrium of Ruminants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1478.	1.8	9
16	Peptidoglycan Switches Off the TLR2-Mediated Sperm Recognition and Triggers Sperm Localization in the Bovine Endometrium. <i>Frontiers in Immunology</i> , 2020, 11, 619408.	2.2	10
17	Roadmap to pregnancy in the first 7 days post-insemination in the cow: Immune crosstalk in the corpus luteum, oviduct, and uterus. <i>Theriogenology</i> , 2020, 150, 313-320.	0.9	16
18	Bovine oviduct epithelial cells suppress the phagocytic activity of neutrophils towards sperm but not for bacteria in vitro: Immunofluorescence and electron microscopic observations. <i>Histology and Histopathology</i> , 2020, 35, 589-597.	0.5	5

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19	Sperm enter glands of preovulatory bovine endometrial explants and initiate inflammation. <i>Reproduction</i> , 2020, 159, 181-192.	1.1	29
20	Age-related changes in the bovine corpus luteum function and progesterone secretion. <i>Reproduction in Domestic Animals</i> , 2019, 54, 23-30.	0.6	8
21	Ovulatory follicular fluid induces sperm phagocytosis by neutrophils, but oviductal fluid around oestrus suppresses its inflammatory effect in the buffalo oviduct in vitro. <i>Molecular Reproduction and Development</i> , 2019, 86, 835-846.	1.0	26
22	TLR2/4 signaling pathway mediates sperm-induced inflammation in bovine endometrial epithelial cells in vitro. <i>PLoS ONE</i> , 2019, 14, e0214516.	1.1	50
23	Understanding the hidden relations between pro- and anti-inflammatory cytokine genes in bovine oviduct epithelium using a multilayer response surface method. <i>Scientific Reports</i> , 2019, 9, 3189.	1.6	16
24	Up-regulated mRNA expression of some anti-inflammatory mediators in bovine oviduct epithelial cells by urea in vitro: Cellular pathways by Reactome analysis. <i>Reproductive Biology</i> , 2019, 19, 75-82.	0.9	4
25	Day-7 embryos generate an anti-inflammatory immune response in peripheral blood immune cells in superovulated cows. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13069.	1.2	10
26	A proinflammatory response of bovine endometrial epithelial cells to active sperm in vitro. <i>Molecular Reproduction and Development</i> , 2018, 85, 215-226.	1.0	41
27	Evidence that interferon-tau secreted from Day-7 embryo in vivo generates anti-inflammatory immune response in the bovine uterus. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 879-884.	1.0	25
28	Urea changes oocyte competence and gene expression in resultant bovine embryo <i>in vitro</i> . <i>Zygote</i> , 2018, 26, 207-219.	0.5	12
29	Involvement of lipopolysaccharide in ovarian cystic follicles in dairy cow: Expressions of LPS receptors and steroidogenesis-related genes in follicular cells of cystic follicles. <i>Animal Reproduction Science</i> , 2018, 195, 89-95.	0.5	15
30	Oviduct epithelium induces interferon-tau in bovine Day-4 embryos, which generates an anti-inflammatory response in immune cells. <i>Scientific Reports</i> , 2018, 8, 7850.	1.6	35
31	Changes of leukocyte counts and expression of pro- and anti-inflammatory cytokines in peripheral leukocytes in periparturient dairy cows with retained fetal membranes. <i>Animal Science Journal</i> , 2018, 89, 1371-1378.	0.6	5
32	Relationship of vaginal discharge characteristics evaluated by Metricheck device to metabolic status in postpartum dairy cows. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1396-1404.	0.6	6
33	Urea influences amino acid turnover in bovine cumulus-oocyte complexes, cumulus cells and denuded oocytes, and affects in vitro fertilization outcome. <i>Scientific Reports</i> , 2018, 8, 12191.	1.6	11
34	Involvement of the luteinizing hormone surge in the regulation of ovary and oviduct clock gene expression in mice. <i>Genes To Cells</i> , 2018, 23, 649-657.	0.5	9
35	Impact of metritis on the generation of reactive oxygen species by circulating phagocytes and plasma lipopolysaccharide concentration in peripartum dairy cows. <i>Animal Science Journal</i> , 2017, 88, 248-253.	0.6	12
36	Feed-derived volatile basic nitrogen increases reactive oxygen species production of blood leukocytes in lactating dairy cows. <i>Animal Science Journal</i> , 2017, 88, 125-133.	0.6	3

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37	Effect of Single Nucleotide Polymorphisms of Toll-Like Receptor 4 (TLR 4) on Reproductive Performance and Immune Function in Dairy Cows. <i>Biochemical Genetics</i> , 2017, 55, 212-222.	0.8	8
38	Zearalenone (ZEN) disrupts the anti-inflammatory response of bovine oviductal epithelial cells to sperm in vitro. <i>Reproductive Toxicology</i> , 2017, 74, 158-163.	1.3	23
39	An autoregressive logistic model to predict the reciprocal effects of oviductal fluid components on in vitro spermophagy by neutrophils in cattle. <i>Scientific Reports</i> , 2017, 7, 4482.	1.6	11
40	Bovine embryo induces an anti-inflammatory response in uterine epithelial cells and immune cells &in vitro; possible involvement of interferon tau as an intermedator. <i>Journal of Reproduction and Development</i> , 2017, 63, 425-434.	0.5	33
41	Endothelin-1 downregulates sperm phagocytosis by neutrophils &in vitro;: A physiological implication in bovine oviduct immunity. <i>Journal of Reproduction and Development</i> , 2016, 62, 151-157.	0.5	11
42	Association of rumen fill score and energy status during the close-up dry period with conception at first artificial insemination in dairy cows. <i>Animal Science Journal</i> , 2016, 87, 1218-1224.	0.6	6
43	Effect of Lipopolysaccharide on Progesterone Production during Luteinization of Granulosa and Theca cells In Vitro. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 206-211.	1.4	8
44	Angiotensin II increases sperm phagocytosis by neutrophils in vitro: A possible physiological role in the bovine oviduct. <i>Molecular Reproduction and Development</i> , 2016, 83, 630-639.	1.0	14
45	Sperm Binding to Oviduct Epithelial Cells Enhances TGFB1 and IL10 Expressions in Epithelial Cells as Well as Neutrophils In Vitro: Prostaglandin E2 As a Main Regulator of Anti-Inflammatory Response in the Bovine Oviduct. <i>PLoS ONE</i> , 2016, 11, e0162309.	1.1	56
46	Effect in dedicator of cytokinesis 6 (DOCK6) on steroid production in theca cells of follicular cysts. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 415-419.	1.0	6
47	Possible role of interferon tau on the bovine corpus luteum and neutrophils during the early pregnancy. <i>Reproduction</i> , 2015, 150, 217-225.	1.1	56
48	An Acute-phase Protein as a Regulator of Sperm Survival in the Bovine Oviduct: Alpha 1-acid-glycoprotein Impairs Neutrophil Phagocytosis of Sperm &In Vitro;. <i>Journal of Reproduction and Development</i> , 2014, 60, 342-348.	0.5	24
49	Outbreak of Bovine Mycoplasma Mastitis in Dairy Herds in Hokkaido, Japan and Epidemiological Considerations. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2014, 67, 43-48.	0.0	0
50	Lipopolysaccharide in ovarian follicular fluid influences the steroid production in large follicles of dairy cows. <i>Animal Reproduction Science</i> , 2014, 144, 6-13.	0.5	70
51	Enhancement of maternal recognition of pregnancy with parthenogenetic embryos in bovine embryo transfer. <i>Theriogenology</i> , 2014, 81, 1108-1115.	0.9	13
52	Bovine oviduct epithelial cells downregulate phagocytosis of sperm by neutrophils: prostaglandin E2 as a major physiological regulator. <i>Reproduction</i> , 2014, 147, 211-219.	1.1	59
53	Evidence that the dominant follicle of the first wave is more active than that of the second wave in terms of its growth rate, blood flow supply and steroidogenic capacity in cows. <i>Animal Reproduction Science</i> , 2014, 145, 114-122.	0.5	17
54	Effect of Simultaneous Administration with Prostaglandin F <sub>2α</sub> and Estradiol Benzoate on Insemination and Conception Rates in Dairy Cows without Estrus Signs. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2014, 67, 255-258.	0.0	0

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55	Impact of angiogenic and innate immune systems on the corpus luteum function during its formation and maintenance in ruminants. <i>Reproductive Biology</i> , 2013, 13, 272-278.	0.9	18
56	Effects of exogenous oxytocin on uterine blood flow in puerperal dairy cows: The impact of days after parturition and retained fetal membranes. <i>Veterinary Journal</i> , 2013, 196, 76-80.	0.6	10
57	Emerging roles of immune cells in luteal angiogenesis. <i>Reproduction, Fertility and Development</i> , 2013, 25, 351.	0.1	25
58	A Japanese B lack breeding herd exhibiting low blood urea nitrogen: A metabolic profile study examining the effect on reproductive performance. <i>Animal Science Journal</i> , 2013, 84, 389-394.	0.6	12
59	Regulation of Innate Immune Function in Bovine Oviduct Epithelial Cells in Culture: The Homeostatic Role of Epithelial Cells in Balancing Th1/Th2 Response. <i>Journal of Reproduction and Development</i> , 2013, 59, 470-478.	0.5	43
60	Relationship Between Critical Control Point Before Milking and Raw Milk Quality on a Dairy Farm. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2013, 66, 310-316.	0.0	2
61	Evaluation of Teat Skin Cleanliness During Milking at a Dairy Farm Using an ATP-Bioluminescence Assay. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2013, 66, 847-851.	0.0	2
62	Possible action of vasohibin-1 as an inhibitor in the regulation of vascularization of the bovine corpus luteum. <i>Reproduction</i> , 2012, 143, 491-500.	1.1	15
63	Upregulation of Interferon-stimulated Genes and Interleukin-10 in Peripheral Blood Immune Cells During Early Pregnancy in Dairy Cows. <i>Journal of Reproduction and Development</i> , 2012, 58, 84-90.	0.5	60
64	Effects of interleukin-8 on estradiol and progesterone production by bovine granulosa cells from large follicles and progesterone production by luteinizing granulosa cells in culture. <i>Cytokine</i> , 2012, 57, 175-181.	1.4	35
65	Rapid Accumulation of Polymorphonuclear Neutrophils in the Corpus luteum during Prostaglandin F2 $\alpha$ -Induced Luteolysis in the Cow. <i>PLoS ONE</i> , 2012, 7, e29054.	1.1	32
66	Possible involvement of IFNT in lymphangiogenesis in the corpus luteum during the maternal recognition period in the cow. <i>Reproduction</i> , 2011, 142, 879-892.	1.1	44
67	Evidence that polymorphonuclear neutrophils infiltrate into the developing corpus luteum and promote angiogenesis with interleukin-8 in the cow. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 79.	1.4	66
68	Prostaglandin F2 $\alpha$ . Differentially Affects mRNA Expression Relating to Angiogenesis, Vasoactivation and Prostaglandins in the Early and Mid Corpus Luteum in the Cow. <i>Journal of Reproduction and Development</i> , 2010, 56, 428-436.	0.5	33
69	Vascular Changes in the Corpus Luteum During Early Pregnancy in the Cow. <i>Journal of Reproduction and Development</i> , 2010, 56, 263-270.	0.5	22
70	Actions and interactions of progesterone and estrogen on transcriptome profiles of the bovine endometrium. <i>Physiological Genomics</i> , 2010, 42A, 290-300.	1.0	48
71	Evaluation of ovarian blood flow by colour Doppler ultrasound: Practical use for reproductive management in the cow. <i>Veterinary Journal</i> , 2009, 181, 232-240.	0.6	71
72	Angiotensin II Secretion by the Bovine Oviduct is Stimulated by Luteinizing Hormone and Ovarian Steroids. <i>Journal of Reproduction and Development</i> , 2009, 55, 570-575.	0.5	12

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73	Effect of local neutralization of basic fibroblast growth factor or vascular endothelial growth factor by a specific antibody on the development of the corpus luteum in the cow. <i>Molecular Reproduction and Development</i> , 2008, 75, 1449-1456.	1.0	82
74	Detection of zearalenone and its metabolites in naturally contaminated follicular fluids by using LC/MS/MS and in vitro effects of zearalenone on oocyte maturation in cattle. <i>Reproductive Toxicology</i> , 2008, 26, 164-169.	1.3	36
75	Involvement of insulin and growth hormone (GH) during follicular development in the bovine ovary. <i>Animal Reproduction Science</i> , 2008, 106, 143-152.	0.5	63
76	Colour Doppler Sonography of Cystic Ovarian Follicles in Cows. <i>Journal of Reproduction and Development</i> , 2008, 54, 447-453.	0.5	16
77	Effect of Prostaglandin F <sub>2</sub> ± (PGF <sub>2</sub> ±) Administration on the Luteotropic and Angiogenic Factors During Functional Luteolysis in the Bovine Corpus Luteum.. <i>Biology of Reproduction</i> , 2008, 78, 148-148.	1.2	1
78	Excess Estrogen Sulfoconjugation Causes a Weak Sign of Delivery in Somatic Cell Clone Recipient Cows.. <i>Biology of Reproduction</i> , 2008, 78, 287-287.	1.2	0
79	Bovine Corpus Luteum as a Heterogeneous Endocrine Organ: Vascular Structure Regulates Site-Dependent Response to PGF <sub>2</sub> ±.. <i>Biology of Reproduction</i> , 2008, 78, 275-276.	1.2	0
80	Spermatozoa stimulate prostaglandin synthesis and secretion in bovine oviductal epithelial cells. <i>Reproduction</i> , 2007, 133, 1087-1094.	1.1	45
81	Local mechanisms for luteolysis in the cow: Novel roles of vasoactive substances in the luteolytic cascade within the corpus luteum. <i>Animal Science Journal</i> , 2007, 78, 460-466.	0.6	1
82	CHANGES IN mRNA EXPRESSION ON STEROIDOGENIC ENZYMES ASSOCIATED WITH PROGESTERONE PRODUCTION DURING DIFFERENTIATION OF BOVINE THECA CELL IN VITRO CULTURE. <i>Biology of Reproduction</i> , 2007, 77, 170-170.	1.2	0
83	THE EXPRESSION OF EphB/ephrinB SYSTEM IN THE BOVINE CORPUS LUTEUM. <i>Biology of Reproduction</i> , 2007, 77, 225-226.	1.2	0
84	Effect of Intraluteal Injection of Endothelin Type A Receptor Antagonist on PGF <sub>2</sub> .ALPHA.-induced Luteolysis in the Cow. <i>Journal of Reproduction and Development</i> , 2006, 52, 551-559.	0.5	35
85	A Potential Use of Color Ultrasound as a Tool for Reproductive Management: New Observations Using Color Ultrasound Scanning that were not Possible with Imaging Only in Black and White. <i>Journal of Reproduction and Development</i> , 2006, 52, 153-160.	0.5	47
86	Effect of the Dominant Follicle Aspiration before or after Luteinizing Hormone Surge on the Corpus Luteum Formation in the Cow. <i>Journal of Reproduction and Development</i> , 2006, 52, 129-135.	0.5	14
87	Changes in Follicular Vascularity during the First Follicular Wave in Lactating Cows. <i>Journal of Reproduction and Development</i> , 2005, 51, 273-280.	0.5	67
88	Vascular endothelial growth factor system in the cow oviduct: A possible involvement in the regulation of oviductal motility and embryo transport. <i>Molecular Reproduction and Development</i> , 2005, 72, 511-520.	1.0	50
89	Relative Changes in mRNA Expression of Angiopoietins and Receptors Tie in Bovine Corpus Luteum during Estrous Cycle and Prostaglandin F <sub>2</sub> .ALPHA.-induced Luteolysis: A Possible Mechanism for the Initiation of Luteal Regression. <i>Journal of Reproduction and Development</i> , 2004, 50, 619-626.	0.5	40
90	Real-time dynamics of prostaglandin F <sub>2</sub> ± release from uterus and corpus luteum during spontaneous luteolysis in the cow. <i>Reproduction</i> , 2004, 128, 189-195.	1.1	31

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91	Real-Time Relationships in Intraluteal Release among Prostaglandin F2 $\hat{\pm}$ , Endothelin-1, and Angiotensin II During Spontaneous Luteolysis in the Cow1. <i>Biology of Reproduction</i> , 2004, 71, 1706-1711.	1.2	36
92	Changes in prostaglandin secretion by the regressing bovine corpus luteum. <i>Prostaglandins and Other Lipid Mediators</i> , 2003, 70, 339-349.	1.0	51
93	Tumor Necrosis Factor $\hat{\text{A}}$ in the Bovine Oviduct During the Estrous Cycle: Messenger RNA Expression and Effect on Secretion of Prostaglandins, Endothelin-1, and Angiotensin II. <i>Biology of Reproduction</i> , 2003, 69, 1341-1346.	1.2	37
94	Intraluteal Release of Angiotensin II and Progesterone In Vivo During Corpora Lutea Development in the Cow: Effect of Vasoactive Peptides1. <i>Biology of Reproduction</i> , 2002, 66, 174-179.	1.2	27
95	Local Changes in Blood Flow Within the Early and Midcycle Corpus Luteum after Prostaglandin F2 $\hat{\pm}$ Injection in the Cow1. <i>Biology of Reproduction</i> , 2002, 66, 651-658.	1.2	204
96	Relationship between Plasma Oxytocin and Placental Retention Time Immediately after Foaling in Heavy Draft Mares. <i>Journal of Equine Science</i> , 2002, 13, 101-107.	0.2	1
97	Intraluteal Release of Prostaglandin F2.ALPHA. and E2 During Corpora Lutea Development in the Cow.. <i>Journal of Reproduction and Development</i> , 2002, 48, 583-590.	0.5	18
98	The mRNA Expression of Angiotensin and Endothelin System Members in Bovine Ovarian Follicles During Final Follicular Growth. <i>Journal of Reproduction and Development</i> , 2002, 48, 573-582.	0.5	9
99	The Expression of Angiotensin and Endothelin System Members in Bovine Corpus Luteum During Estrous Cycle and Pregnancy. <i>Endocrine</i> , 2002, 19, 305-312.	2.2	42
100	Changes in the Number of Preantral Follicles and Hormone Concentrations in the Bovine Fetus.. <i>Journal of Reproduction and Development</i> , 2002, 48, 553-560.	0.5	2
101	Growth hormone, but not luteinizing hormone, acts with luteal peptides on prostaglandin F2 $\hat{\pm}$ and progesterone secretion by bovine corpora lutea in vitro $\hat{\text{t}}$ . <i>Prostaglandins and Other Lipid Mediators</i> , 2001, 63, 79-92.	1.0	26
102	Angiotensin II and Atrial Natriuretic Peptide in the Cow Oviductal Contraction In Vitro: Direct Effect and Local Secretion of Prostaglandins, Endothelin-1, and Angiotensin II. <i>Biology of Reproduction</i> , 2001, 65, 799-804.	1.2	34
103	Changes of Progesterone and Endothelin Concentrations in the Peripheral Plasma of Female Calves and Cycling Cows: Effects of PGF2.ALPHA. Injection.. <i>Journal of Reproduction and Development</i> , 2001, 47, 37-43.	0.5	1
104	Incidence of Abnormal Corpus Luteum in Superovulated Ewes. <i>Journal of Reproduction and Development</i> , 2000, 46, 397-402.	0.5	12
105	Administration of Prostaglandin F2 $\hat{\pm}$ During the Early Bovine Luteal Phase Does Not Alter the Expression of ET-1 and of Its Type A Receptor: A Possible Cause for Corpus Luteum Refractoriness. <i>Biology of Reproduction</i> , 2000, 63, 377-382.	1.2	92
106	Regulation of Angiotensin II Production and Angiotensin Receptors in Microvascular Endothelial Cells from Bovine Corpus Luteum1. <i>Biology of Reproduction</i> , 2000, 62, 162-167.	1.2	51
107	Prostaglandin F2.ALPHA. Increases Lipoprotein Utilization for Progesterone in Bovine Early Corpora Lutea In Vitro.. <i>Journal of Reproduction and Development</i> , 2000, 46, 335-339.	0.5	1
108	Immunoreactivity for Gonadotropin-Releasing Hormone in Microdialyzed Perfusates of Bovine Mature Follicles In Vitro.. <i>Journal of Reproduction and Development</i> , 2000, 46, 109-114.	0.5	0

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109	Tumor Necrosis Factor $\hat{\pm}$ Receptors in Microvascular Endothelial Cells from Bovine Corpus Luteum1. <i>Biology of Reproduction</i> , 1999, 61, 1017-1022.	1.2	44
110	Angiotensin II Interacts with Prostaglandin F2 $\hat{\pm}$ and Endothelin-1 as a Local Luteolytic Factor in the Bovine Corpus Luteum In Vitro1. <i>Biology of Reproduction</i> , 1999, 60, 1104-1109.	1.2	66
111	Direct Effect of PGF2.ALPHA., TPA and Ionophore A23187 on Progesterone Release from Microdialyzed Corpus Luteum in the Cow.. <i>Journal of Reproduction and Development</i> , 1999, 45, 233-238.	0.5	12
112	Absence of Angiotensin II Production and Its Action on Secretory Function in Bovine Luteinized Granulosa Cells.. <i>Journal of Reproduction and Development</i> , 1999, 45, 357-361.	0.5	2
113	Stage-Specific Distributions of Inhibin .ALPHA.-subunit in Bovine Ovarian Follicles and Various Hormones Levels in Follicular Fluid.. <i>Journal of Reproduction and Development</i> , 1999, 45, 213-222.	0.5	1
114	Local Release of Steroid Hormones, Prostaglandin E2, and Endothelin-1 from Bovine Mature Follicles In Vitro: Effects of Luteinizing Hormone, Endothelin-1, and Cytokines. <i>Biology of Reproduction</i> , 1998, 59, 437-443.	1.2	82
115	Real-Time Relationships between Intraluteal and Plasma Concentrations of Endothelin, Oxytocin, and Progesterone during Prostaglandin F2 $\hat{\pm}$ , -Induced Luteolysis in the Cow1. <i>Biology of Reproduction</i> , 1998, 58, 103-108.	1.2	102
116	Comparative Activities of Growth Hormone and Luteinizing Hormone in the Direct Stimulation of Local Release of Progesterone from Microdialyzed Ovine Corpora Lutea In Vivo.. <i>Journal of Reproduction and Development</i> , 1998, 44, 273-280.	0.5	8
117	A Simple Superovulation Method of A Single Injection of Follicle-Stimulating Hormone Combined with Equine Chorionic Gonadotropin for Superovulation of Suffolk Ewes During the Breeding Season: I. Effects of Different Treatments on the Endocrine Profiles.. <i>Journal of Reproduction and Development</i> , 1998, 44, 169-176.	0.5	8
118	Relationships Among Follicular Fluid Estradiol-17.BETA. Concentration, Morphology of Cumulus-Oocyte Complex and Developmental Capacity of Individually Matured, Fertilized and Cultured Bovine Oocytes In Vitro.. <i>Journal of Reproduction and Development</i> , 1998, 44, 359-365.	0.5	8
119	Intraluteal Release of Progesterone and Prostaglandins during PGF2.ALPHA.-Induced Luteolysis in Ewes: Local Effects of Tumor Necrosis Factor-.ALPHA... <i>Journal of Reproduction and Development</i> , 1998, 44, 385-391.	0.5	5
120	Mechanisms of Luteolysis during the Estrous Cycle in Ruminants. <i>Journal of Reproduction and Development</i> , 1997, 43, j75-j81.	0.5	9
121	Effect of Single or Multiple Injection of Follicle Stimulating Hormone Combined with Pregnant Mare Serum Gonadotropin on Superovulatory Response, and Normal and Freezable Embryos in Ewes.. <i>Journal of Reproduction and Development</i> , 1996, 42, 81-87.	0.5	17
122	Changes in Intracellular Calcium Concentrations of in vitro Inseminated and Artificially Activated Bovine Oocytes. <i>Journal of Reproduction and Development</i> , 1996, 42, j77-j83.	0.5	2
123	Local Release of Progesterone and Oxytocin from Microdialyzed Corpus Luteum in Superovulated Ewes: Characterization during the Non-breeding Season.. <i>Journal of Reproduction and Development</i> , 1995, 41, 321-329.	0.5	3
124	Influence of Sera on In Vitro Hatching of Equine Blastocysts.. <i>Journal of Reproduction and Development</i> , 1994, 40, 13-18.	0.5	8
125	Estrus Synchronization Using CIDR in Heifers.. <i>Journal of Reproduction and Development</i> , 1994, 40, 59-64.	0.5	5
126	Acute Actions of Prostaglandin F2 $\hat{\pm}$ , E2, and 12 in Microdialyzed Bovine Corpus Luteum in Vitro1. <i>Biology of Reproduction</i> , 1993, 49, 423-430.	1.2	78



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127	Evidence for Oxytocin Receptors in Cultured Bovine Luteal Cells1. <i>Biology of Reproduction</i> , 1992, 46, 1001-1006.	1.2	110
128	Oxytocin Stimulates Progesterone Release from Microdialyzed Bovine Corpus Luteum in Vitro1. <i>Biology of Reproduction</i> , 1991, 44, 1163-1170.	1.2	111
129	Intrauterine infusion of low levels of interferon $\tau$ on day $\delta$ post $\delta$ estrus stimulates the bovine endometrium to secrete apolipoprotein $\delta$ 1: A possible implication for early embryo tolerance. <i>American Journal of Reproductive Immunology</i> , 0, , .	1.2	0