Naoki Isobe

List of Publications by Year
in descending order

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		218381	360668
106	1,856	26	35
papers	citations	h-index	g-index

106	106	106	1211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression of Avian Î²-Defensins in the Oviduct and Effects of Lipopolysaccharide on Their Expression in the Vagina of Hens. Poultry Science, 2008, 87, 979-984.	1.5	63
2	Phosphatidylinositol 3-kinase in cumulus cells is responsible for both suppression of spontaneous maturation and induction of gonadotropin-stimulated maturation of porcine oocytes. Journal of Endocrinology, 2003, 179, 25-34.	1.2	50
3	Immunolocalization of lingual antimicrobial peptide (LAP) in the bovine mammary gland. Animal Science Journal, 2009, 80, 446-450.	0.6	50
4	Expression of Toll-like receptors (TLRs) and TLR4 response to lipopolysaccharide in hen oviduct. Veterinary Immunology and Immunopathology, 2009, 127, 259-268.	0.5	50
5	Deficient Proliferation and Apoptosis in the Granulosa and Theca Interna Cells of the Bovine Cystic Follicle. Journal of Reproduction and Development, 2007, 53, 1119-1124.	0.5	49
6	Intramammary challenge of lipopolysaccharide stimulates secretion of lingual antimicrobial peptide into milk of dairy cows. Journal of Dairy Science, 2009, 92, 6046-6051.	1.4	47
7	Existence of functional lingual antimicrobial peptide in bovine milk. Journal of Dairy Science, 2009, 92, 2691-2695.	1.4	46
8	Effects of avian infectious bronchitis virus antigen on eggshell formation and immunoreaction in hen oviduct. Theriogenology, 2014, 81, 1129-1138.	0.9	45
9	Expression of cathelicidins mRNA in the goat mammary gland and effect of the intramammary infusion of lipopolysaccharide on milk cathelicidin-2 concentration. Veterinary Microbiology, 2014, 170, 125-134.	0.8	42
10	Differential immunolocalization between lingual antimicrobial peptide and lactoferrin in mammary gland of dairy cows. Veterinary Immunology and Immunopathology, 2012, 145, 499-504.	0.5	41
11	Immunocytochemical study of cell proliferation in the cystic ovarian follicles in cows. Theriogenology, 2000, 54, 1159-1169.	0.9	40
12	Localization of apoptotic cells in the cystic ovarian follicles of cows: A DNA-end labeling histochemical study. Theriogenology, 2000, 53, 897-904.	0.9	39
13	Immunolocalization of avian Î²-defensins in the hen oviduct and their changes in the uterus during eggshell formation. Reproduction, 2009, 138, 971-978.	1.1	37
14	Effects of lipopolysaccharide on the expression of proinflammatory cytokines and chemokines and the subsequent recruitment of immunocompetent cells in the oviduct of laying and molting hens. Poultry Science, 2011, 90, 2332-2341.	1.5	37
15	Studies of the role of steroid hormone in the regulation of oocyte maturation in cattle. Reproductive Biology and Endocrinology, 2006, 4, 4.	1.4	36
16	Control mechanisms for producing antimicrobial factors in ruminant mammary gland. Animal Science Journal, 2017, 88, 937-943.	0.6	36
17	Messenger RNA expression and immunolocalization of psoriasin in the goat mammary gland and its milk concentration after an intramammary infusion of lipopolysaccharide. Veterinary Journal, 2014, 202, 89-93.	0.6	35
18	Direct enzyme immunoassay of progesterone in bovine plasma. Animal Science Journal, 2003, 74, 369-373.	0.6	34

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19	Expression of Toll-like receptors and effects of lipopolysaccharide on the expression of proinflammatory cytokines and chemokine in the testis and epididymis of roosters. Poultry Science, 2012, 91, 1997-2003.	1.5	34
20	Lactoperoxidase activity in milk is correlated with somatic cell count in dairy cows. Journal of Dairy Science, 2011, 94, 3868-3874.	1.4	33
21	Expression of lipases and lipid receptors in sperm storage tubules and possible role of fatty acids in sperm survival inÂthe hen oviduct. Theriogenology, 2016, 85, 1334-1342.	0.9	32
22	Pregnancy diagnosis based on the fecal progesterone concentration in beef and dairy heifers and beef cows. Animal Reproduction Science, 2005, 90, 211-218.	0.5	31
23	Microvascular distribution and vascular endothelial growth factor expression in bovine cystic follicles. Domestic Animal Endocrinology, 2005, 29, 634-645.	0.8	30
24	Enzyme immunoassay of progesterone in the feces from beef cattle to monitor the ovarian cycle. Animal Reproduction Science, 2005, 87, 1-10.	0.5	30
25	Studies on substantially increased proteins in follicular fluid of bovine ovarian follicular cysts using 2-D PAGE and MALDI-TOF MS. Reproductive Biology and Endocrinology, 2005, 3, 23.	1.4	30
26	Induction of avian Î²-defensins by CpG oligodeoxynucleotides and proinflammatory cytokines in hen vaginal cells in vitro. Reproduction, 2013, 145, 621-631.	1.1	28
27	Effects of different TLR ligands on the expression of proinflammatory cytokines and avian Î²-defensins in the uterine and vaginal tissues of laying hens. Veterinary Immunology and Immunopathology, 2014, 162, 132-141.	0.5	27
28	Changes in the Localization of Immunoreactive Avian .BETA.-Defensin-12 in Ovarian Follicles during Follicular Growth and in Response to Lipopolysaccharide. Journal of Poultry Science, 2008, 45, 210-214.	0.7	26
29	Co-transfer of parthenogenotes and single porcine embryos leads to full-term development of the embryos. Animal Reproduction Science, 2009, 112, 8-21.	0.5	25
30	Changes in localization and density of CD63-positive exosome-like substances in the hen oviduct with artificial insemination and their effect on sperm viability. Theriogenology, 2017, 101, 135-143.	0.9	23
31	Apoptosis in the Antral Follicles of Swamp Buffalo and Cattle Ovary: TUNEL and Caspase-3 Histochemistry. Reproduction in Domestic Animals, 2005, 40, 111-116.	0.6	22
32	Effects of lipopolysaccharide on the expression of proinflammatory cytokines and chemokines and influx of leukocytes in the hen ovary. Poultry Science, 2011, 90, 2054-2062.	1.5	22
33	Effect of steroid hormones on the innate immune response induced by Staphylococcus aureus in the goat mammary gland. Reproduction in Domestic Animals, 2017, 52, 579-584.	0.6	22
34	Effects of intrauterine infusion of bacterial lipopolysaccharides on the mammary gland inflammatory response in goats. Veterinary Immunology and Immunopathology, 2020, 219, 109972.	0.5	22
35	Changes in the Localization of Immunoreactive Avian Beta-Defensin-8, -10 and -12 in Hen Ovarian Follicles during Follicular Growth. Journal of Poultry Science, 2010, 47, 77-84.	0.7	20
36	Effect of nutrient levels during the farâ€•off period on postpartum productivity in dairy cows. Animal Science Journal, 2017, 88, 1162-1170.	0.6	20

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37	Relationship between concentration of lingual antimicrobial peptide and somatic cell count in milk of dairy cows. Veterinary Immunology and Immunopathology, 2013, 153, 298-301.	0.5	19
38	Short communication: Production of antimicrobial peptide S100A8 in the goat mammary gland and effect of intramammary infusion of lipopolysaccharide on S100A8 concentration in milk. Journal of Dairy Science, 2019, 102, 4674-4681.	1.4	19
39	Association between bovine leukemia virus proviral load and severity of clinical mastitis. Journal of Veterinary Medical Science, 2019, 81, 1431-1437.	0.3	18
40	Effects of oral administration of colostrum whey in peripartum goat on antimicrobial peptides in postpartum milk. Animal Science Journal, 2020, 91, e13365.	0.6	18
41	Dynamics of lingual antimicrobial peptide, lactoferrin concentrations and lactoperoxidase activity in the milk of cows treated for clinical mastitis. Animal Science Journal, 2015, 86, 153-158.	0.6	17
42	Toll-like receptor signaling for the induction of mucin expression by lipopolysaccharide in the hen vagina. Poultry Science, 2014, 93, 673-679.	1.5	16
43	Expression of pro- and anti-inflammatory cytokines and chemokines during the ovulatory cycle and effects of aging on their expression in the uterine mucosa of laying hens. Cytokine, 2018, 111, 303-308.	1.4	16
44	Effects of colostrum whey on immune function in the digestive tract of goats. Animal Science Journal, 2018, 89, 1152-1160.	0.6	16
45	The effect of estrogen on the early cytotoxic response to IB virus infection in hen oviduct. Veterinary Immunology and Immunopathology, 2015, 164, 56-66.	0.5	15
46	Immunohistochemical Localization of 3.BETA.-Hydroxysteroid Dehydrogenase in the Granulosa and Theca Interna Layers of Bovine Cystic Follicles. Journal of Reproduction and Development, 2003, 49, 227-233.	0.5	15
47	Cell Proliferation in the Atretic Follicles of Buffalo and Cattle Ovary. Reproduction in Domestic Animals, 2004, 39, 405-409.	0.6	14
48	Changes in the Density of Immunoreactive Avian .BETA.-Defensin-3 and -11 in the Hen Uterus in Response to Lipopolysaccharide Inoculation. Journal of Poultry Science, 2011, 48, 73-77.	0.7	14
49	Direct Enzyme Immunoassay of Estrone Sulfate in the Plasma of Cattle.. Journal of Reproduction and Development, 2002, 48, 75-78.	0.5	13
50	Follicular cysts in dairy cows. Animal Science Journal, 2007, 78, 1-6.	0.6	12
51	Differential localization of lingual antimicrobial peptide in the digestive tract mucosal epithelium of calves. Veterinary Immunology and Immunopathology, 2011, 142, 87-94.	0.5	12
52	Effect of enterotoxigenic Escherichia coli vaccine on innate immune function of bovine mammary gland infused with lipopolysaccharide. Journal of Dairy Science, 2012, 95, 5067-5074.	1.4	12
53	Change in viable bacterial count during preservation of milk derived from dairy cows with subclinical mastitis and its relationship with antimicrobial components in milk. Journal of Veterinary Medical Science, 2016, 78, 1245-1250.	0.3	12
54	Effects of inhibitors of transcription factors, nuclear factor-Î¹B and activator protein 1, on the expression of proinflammatory cytokines and chemokines induced by stimulation with Toll-like receptor ligands in hen vaginal cells. Poultry Science, 2017, 96, 723-730.	1.5	12

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55	Innate antiviral immune response against infectious bronchitis virus and involvement of prostaglandin E2 in the uterine mucosa of laying hens. Theriogenology, 2018, 110, 122-129.	0.9	12
56	Age-related modulation of the isthmic and uterine mucosal innate immune defense system in laying hens. Poultry Science, 2019, 98, 3022-3028.	1.5	12
57	Seasonal variations in the concentration of antimicrobial components in milk of dairy cows. Animal Science Journal, 2020, 91, e13427.	0.6	12
58	Translocation of intrauterineâ€infused bacterial lipopolysaccharides to the mammary gland in dexamethasoneâ€treated goats. Reproduction in Domestic Animals, 2020, 55, 1688-1697.	0.6	12
59	Plasma Concentration of Estrone Sulfate during Pregnancy in Different Breeds of Japanese Beef Cattle. Journal of Reproduction and Development, 2003, 49, 369-374.	0.5	12
60	Immunolocalization of von Willebrand Factor and Vascular Endothelial Growth Factor during Follicular Atresia in the Swamp Buffalo Ovary. Journal of Reproduction and Development, 2005, 51, 419-426.	0.5	11
61	Fecal Progestagen and Estrone During Pregnancy in a Giraffe: A Case Report. Journal of Reproduction and Development, 2007, 53, 159-164.	0.5	11
62	Modulatory roles of proinflammatory cytokines on the expression of cathelicidins in the lower regions of the oviduct of laying hens. Cytokine, 2017, 99, 66-72.	1.4	11
63	Investigation of the binding of goat cathelicidin-7 to lipopolysaccharide and leucocidal suppression of pro-inflammatory cytokines. Small Ruminant Research, 2018, 168, 101-106.	0.6	11
64	Changes in the Thecal Vasculature During Follicular Atresia in the Ovary of Swamp Buffalo. Journal of Reproduction and Development, 2004, 50, 315-321.	0.5	11
65	Pregnancy Diagnosis in Miniature Pig by Direct ELISA of Oestrone Derivatives in Faeces. Reproduction in Domestic Animals, 2004, 39, 48-51.	0.6	10
66	Follicular Persistence Induced by Adrenocorticotropic Hormone Administration in Goats. Journal of Reproduction and Development, 2011, 57, 212-216.	0.5	10
67	Distribution of immunoreactive von Willebrand factor in the microvascular network of bovine cystic follicles. Animal Science Journal, 2002, 73, 123-129.	0.6	9
68	Distribution of Cytochrome P450-side Chain Cleavage in the Theca Interna Layers of Bovine Small Antral and Cystic Follicles. Reproduction in Domestic Animals, 2003, 38, 405-409.	0.6	9
69	Lingual antimicrobial peptide and lactoferrin concentrations and lactoperoxidase activity in bovine colostrum are associated with subsequent somatic cell count. Animal Science Journal, 2013, 84, 751-756.	0.6	9
70	Induction of mucin expression by estrogen and lipopolysaccharide in the lower oviductal segments in hens. Poultry Science, 2013, 92, 3205-3213.	1.5	9
71	Association of endometritis and ovarian follicular cyst with mastitis in dairy cows. Journal of Veterinary Medical Science, 2021, 83, 338-343.	0.3	9
72	Effects of Probiotics on the Expression and Localization of Avian Î²-defensins in the Proventriculus of Broiler Chicks. Journal of Poultry Science, 2015, 52, 57-67.	0.7	9

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73	Effects of Virus-associated Molecular Patterns on the Expression of Cathelicidins in the Hen Vagina. Journal of Poultry Science, 2016, 53, 240-247.	0.7	8
74	Goat cathelicidinâ€2 is secreted by blood leukocytes regardless of lipopolysaccharide stimulation. Animal Science Journal, 2016, 87, 423-427.	0.6	8
75	Preparation and Application for Immunocytochemistry of Antibody to Gallinacin-3, an Antimicrobial Peptide, in Chicken. Journal of Poultry Science, 2007, 44, 433-438.	0.7	8
76	Detection of APAF1 mutation in Holstein cows and mummified foetuses in Japanese dairy herds. Reproduction in Domestic Animals, 2018, 53, 137-142.	0.6	7
77	Effect of temporary cessation of milking on the innate immune components in goat milk. Journal of Dairy Science, 2021, 104, 10374-10381.	1.4	7
78	Local Heat Treatment of Goat Udders Influences Innate Immune Functions in Mammary Glands. Journal of Mammary Gland Biology and Neoplasia, 2021, 26, 387-397.	1.0	7
79	Sodium Acetate and Sodium Butyrate Differentially Upregulate Antimicrobial Component Production in Mammary Glands of Lactating Goats. Journal of Mammary Gland Biology and Neoplasia, 2022, 27, 133-144.	1.0	7
80	Involvement of Plasma Progesterone, Oestradiol-17? and Cortisol in Ovulatory Response to Gonadotropin-releasing Hormone in Dairy Cows with Cystic Follicles. Reproduction in Domestic Animals, 2007, 42, 370-375.	0.6	6
81	Expression of Vascular Endothelial Growth Factor Receptors in Bovine Cystic Follicles. Reproduction in Domestic Animals, 2008, 43, 267-271.	0.6	6
82	Changes in plasma concentrations of S100A7 and S100A8 in dairy cows during pregnancy. Reproduction in Domestic Animals, 2018, 53, 1013-1015.	0.6	6
83	Blood ionized calcium levels and acute-phase blood glucose kinetics in goats after intramammary infusion of lipopolysaccharide. Journal of Veterinary Medical Science, 2018, 80, 242-246.	0.3	6
84	Protective Effect of Melatonin on LPS-stimulated Granulosa Cells in Japanese Quail. Journal of Poultry Science, 2017, 54, 319-325.	0.7	6
85	Ovarian Cyclicity and Reproductive Performance of Holstein Cows Carrying the Mutation of Complex Vertebral Malformation in Japan. Reproduction in Domestic Animals, 2008, 43, 346-350.	0.6	5
86	Expression and localization of cyclooxygenases in the oviduct of laying hens during the ovulatory cycle. Theriogenology, 2017, 101, 1-7.	0.9	5
87	Cellular and soluble components decrease the viable pathogen counts in milk from dairy cows with subclinical mastitis. Journal of Veterinary Medical Science, 2017, 79, 1389-1393.	0.3	5
88	Comparison of cadherin and integrin localization in bovine cystic and healthy follicles. Animal Science Journal, 2013, 84, 303-309.	0.6	4
89	Changes in the concentrations of somatic cell counts, lingual antimicrobial peptide and lactoperoxidase activity in milk at periovulatory period in dairy cows. Animal Science Journal, 2017, 88, 484-488.	0.6	4
90	Melatonin Does Not Affect Progesterone Basal Secretion but Suppresses the Luteinizing Hormone Receptor Expression in Granulosa Cells of the Japanese Quail. Journal of Poultry Science, 2017, 54, 312-318.	0.7	4

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91	Effects of TLR Ligands on the Expression of Cytokines and Possible Role of NFÎ^ºB in its Process in the Theca of Chicken Follicles. Journal of Poultry Science, 2018, 55, 288-300.	0.7	4
92	Concentration patterns of antibacterial factors and immunoglobulin A antibody in foremilk fractions of healthy cows. Animal Science Journal, 2020, 91, e13372.	0.6	4
93	Immune response during the onset of coliform mastitis in dairy cows vaccinated with STARTVAC^{Â®}. Animal Science Journal, 2021, 92, e13502.	0.6	4
94	Direct enzyme immunoassay of fecal estrone derivatives in dairy cows. Animal Science Journal, 2005, 76, 203-207.	0.6	3
95	Relationship between the somatic cell count in milk and reproductive function in peripartum dairy cows. Journal of Reproduction and Development, 2014, 60, 433-437.	0.5	3
96	Effect of oral administration of colostrum on inflammation in the udders of dairy cows suffering from mastitis. Journal of Veterinary Medical Science, 2022, 84, 59-63.	0.3	3
97	Modulation of the innate immune system by lipopolysaccharide in the proventriculus of chicks inoculated with or without Newcastle disease and infectious bronchitis vaccine. Poultry Science, 2022, 101, 101719.	1.5	3
98	Effects of frequent teat stimulation on antimicrobial component production in mammary glands of lactating goats. Veterinary Immunology and Immunopathology, 2022, 249, 110431.	0.5	3
99	Blood Testosterone Concentration and Testosterone-induced Aggressive Behavior in Male Layer Chicks: Comparison between Isolated- and Grouped-Raising. Journal of Poultry Science, 2019, 56, 290-297.	0.7	2
100	Outcome prediction from the first examination in clinical mastitis using ultrasonography in dairy cows. Animal Science Journal, 2020, 91, e13452.	0.6	2
101	Changes in Fecal Progestagen Profile After Excretion in Miniature Pigs. Journal of Reproduction and Development, 2007, 53, 1107-1112.	0.5	1
102	Effect of intramammary lipopolysaccharide infusion on milk pH of uninfused udder in goat. Journal of Veterinary Medical Science, 2018, 80, 1287-1290.	0.3	1
103	Rapid determination of pathogens in mastitic milk of dairy cows using Gram staining. Journal of Veterinary Medical Science, 2022, 84, 325-329.	0.3	1
104	Immunolocalization and Correlation Frequencies of Lingual Antimicrobial Peptide and Lactoferrin in Bovine Alveolar Epithelium and Bovine Mammary Gland. Advanced Materials Research, 2013, 781-784, 699-708.	0.3	0
105	Effects of Testicular and Non-Testicular Testosterone on Territorial and Isolation-induced Aggressive Behavior of Male Layer Chicks. Journal of Poultry Science, 2020, 57, 236-240.	0.7	0
106	Regression tree analysis of the relationship between the concentrations of antimicrobial components and the microbiota of normal milk from dairy cows. Journal of Veterinary Medical Science, 2022, 84, .	0.3	0