Kentaro Nagaoka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 1,772 23 121 h-index g-index citations papers 4.62 2,121 124 3.5 L-index avg, IF ext. papers ext. citations

#	Paper	IF	Citations
121	Ovarian progesterone suppresses depression and anxiety-like behaviors by increasing the Lactobacillus population of gut microbiota in ovariectomized mice. <i>Neuroscience Research</i> , 2021 , 168, 76-82	2.9	21
120	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	4.5	1
119	Estrogen promotes increased breast cancer cell proliferation and migration through downregulation of CPEB1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 871-876	3.4	1
118	Circulating activin A during equine gestation and immunolocalization of its receptors system in utero-placental tissues and fetal gonads. <i>Journal of Equine Science</i> , 2021 , 32, 39-48	1.1	0
117	L-amino acid oxidase 1 in sperm is associated with reproductive performance in male mice and bulls. <i>Biology of Reproduction</i> , 2021 , 104, 1154-1161	3.9	3
116	Contrasting gut microbiota in captive Eurasian otters (Lutra lutra) by age. <i>Archives of Microbiology</i> , 2021 , 203, 5405-5416	3	O
115	Role of Two-Dimensional Speckle-Tracking Echocardiography in Early Detection of Left Ventricular Dysfunction in Dogs. <i>Animals</i> , 2021 , 11,	3.1	1
114	Passive immunization against inhibin increases testicular blood flow in male goats. <i>Theriogenology</i> , 2020 , 147, 85-91	2.8	2
113	Analysis of infant microbiota composition and the relationship with breast milk components in the Asian elephant (Elephas maximus) at the zoo. <i>Journal of Veterinary Medical Science</i> , 2020 , 82, 983-989	1.1	3
112	Heat-killed Enterococcus fecalis (EC-12) supplement alters the expression of neurotransmitter receptor genes in the prefrontal cortex and alleviates anxiety-like behavior in mice. <i>Neuroscience Letters</i> , 2020 , 720, 134753	3.3	8
111	Administration of melatonin improves testicular blood flow, circulating hormones, and semen quality in Shiba goats. <i>Theriogenology</i> , 2020 , 146, 111-119	2.8	15
110	Comparison of the fecal microbiota of two monogastric herbivorous and five omnivorous mammals. <i>Animal Science Journal</i> , 2020 , 91, e13366	1.8	13
109	The relation between liver damage and reproduction in female Japanese quail (Coturnix japonica) exposed to high ambient temperature. <i>Poultry Science</i> , 2020 , 99, 4586-4597	3.9	4
108	Assessment of correlations and concentrations of salivary and plasma steroids, testicular morphometry, and semen quality in different climatic conditions in goats. <i>Theriogenology</i> , 2020 , 157, 238-244	2.8	8
107	Pre-pubertal exposure to high temperature impairs ovarian and adrenal gland function in female rats. <i>Journal of Veterinary Medical Science</i> , 2019 , 81, 279-286	1.1	5
106	Fluvastatin Sodium Ameliorates Obesity through Brown Fat Activation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
105	Yolk immunoreactive corticosterone in hierarchical follicles of Japanese quail (Coturnix japonica) exposed to heat challenge. <i>General and Comparative Endocrinology</i> , 2019 , 279, 148-153	3	3

104	Heat challenge influences serum metabolites concentrations and liver lipid metabolism in Japanese quail (Coturnix japonica). <i>Journal of Veterinary Medical Science</i> , 2019 , 81, 77-83	1.1	O
103	Effects of a selective casein kinase 11and 11nhibitor on FcRI expression and IgE-mediated immediate-type cutaneous reactions in dogs. <i>Journal of Veterinary Medical Science</i> , 2019 , 81, 1680-1684	1.1	O
102	Gut microbiota development in mice is affected by hydrogen peroxide produced from amino acid metabolism during lactation. <i>FASEB Journal</i> , 2019 , 33, 3343-3352	0.9	11
101	Effects of non-purified and semi-purified commercial diets on behaviors, plasma corticosterone levels, and cecum microbiome in C57BL/6J mice. <i>Neuroscience Letters</i> , 2018 , 670, 36-40	3.3	5
100	Accumulation of steroid hormones in the eggshells of Japanese quail (Coturnix coturnix japonica). <i>General and Comparative Endocrinology</i> , 2018 , 259, 161-164	3	3
99	Feeding of phytosterols reduced testosterone production by modulating GnRH and GnIH expression in the brain and testes of male Japanese quail (Coturnix coturnix japonica). <i>Poultry Science</i> , 2018 , 97, 1066-1072	3.9	3
98	Effects of Phytosterols as Food Additives on Adrenal and Reproductive Endocrine Function during Sexual Maturation in Male Japanese Quail (). <i>Journal of Poultry Science</i> , 2018 , 55, 155-161	1.6	1
97	Hippocampal metabolism of amino acids by L-amino acid oxidase is involved in fear learning and memory. <i>Scientific Reports</i> , 2018 , 8, 11073	4.9	13
96	Immunohistochemical localization of inhibin/activin subunits in adult Asian elephant (Elephas maximus) testes. <i>Journal of Veterinary Medical Science</i> , 2018 , 80, 549-552	1.1	2
95	Effect of seasonality on testicular blood flow as determined by color Doppler ultrasonography and hormonal profiles in Shiba goats. <i>Animal Reproduction Science</i> , 2018 , 197, 185-192	2.1	12
94	Effect of kisspeptin antagonist on goat in vitro Leydig cell steroidogenesis. <i>Theriogenology</i> , 2018 , 121, 134-140	2.8	13
93	Evaluation of the chemiluminescent enzyme immunoassay system for the measurement of testosterone in the serum and whole blood of stallions. <i>Journal of Reproduction and Development</i> , 2018 , 64, 41-47	2.1	3
92	Intrauterine exosomes are required for bovine conceptus implantation. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 1370-1375	3.4	39
91	Characterization of membrane penetration and cytotoxicity of C9orf72-encoding arginine-rich dipeptides. <i>Scientific Reports</i> , 2018 , 8, 12740	4.9	15
90	The stimulatory effect of subluteal progesterone environment on the superovulatory response of passive immunization against inhibin in goats. <i>Theriogenology</i> , 2018 , 121, 188-195	2.8	5
89	4-Nitrophenol exposure alters the AhR signaling pathway and related gene expression in the rat liver. <i>Journal of Applied Toxicology</i> , 2017 , 37, 150-158	4.1	4
88	Degradation of staphylococcal enterotoxin A by a Pseudomonas aeruginosa isolate from raw milk. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017 , 81, 1436-1443	2.1	1
87	The effects of phytosterols on the sexual behavior and reproductive function in the Japanese quail (Coturnix coturnix japonica). <i>Poultry Science</i> , 2017 , 96, 3436-3444	3.9	6

86	Neonatal exposure to 17 Lethynyl estradiol (EE) disrupts follicle development and reproductive hormone profiles in female rats. <i>Toxicology Letters</i> , 2017 , 276, 92-99	4.4	8
85	4-Nitrophenol (PNP) inhibits the expression of estrogen receptor hand disrupts steroidogenesis during the ovarian development in female rats. <i>Environmental Pollution</i> , 2017 , 229, 1-9	9.3	17
84	MicroRNA detection at femtomolar concentrations with isothermal amplification and a biological nanopore. <i>Nanoscale</i> , 2017 , 9, 16124-16127	7.7	24
83	Expression of uterine lipocalin 2 and its receptor during early- to mid-pregnancy period in mares. Journal of Reproduction and Development, 2017 , 63, 127-133	2.1	4
82	Decrease of lactogenic hormones induce epithelial-mesenchymal transition via TGFI and arachidonic acid during mammary gland involution. <i>Journal of Reproduction and Development</i> , 2017 , 63, 325-332	2.1	5
81	Sensitive radioimmunoassay of total thyroxine (T4) in horses using a simple extraction method. Journal of Veterinary Medical Science, 2017 , 79, 1294-1300	1.1	1
80	Different origins of two corpora lutea recovered from a pregnant African elephant (Loxodonta africana). <i>Reproduction in Domestic Animals</i> , 2017 , 52, 1138-1141	1.6	3
79	Comparison of physical body growth and metabolic and reproductive endocrine functions between north and south climates of Japan in trained Thoroughbred yearling horses. <i>Journal of Equine Science</i> , 2017 , 28, 77-86	1.1	2
78	Steroidogenic enzyme expression in estrogen production in the goat gastrointestinal (GI) tract and the effect of castration. <i>Journal of Veterinary Medical Science</i> , 2017 , 79, 1253-1260	1.1	4
77	Effects of Daily Exposure to Saccharin and Sucrose on Testicular Biologic Functions in Mice. <i>Biology of Reproduction</i> , 2016 , 95, 116	3.9	14
76	CPEB1 mediates epithelial-to-mesenchyme transition and breast cancer metastasis. <i>Oncogene</i> , 2016 , 35, 2893-901	9.2	49
75	PATHFAST, a novel chemiluminescent enzyme immunoassay for measuring estradiol in equine whole blood and serum. <i>Journal of Reproduction and Development</i> , 2016 , 62, 631-634	2.1	2
74	Changes in bone mass during the perimenopausal transition in naturally menopausal cynomolgus monkeys. <i>Menopause</i> , 2016 , 23, 87-99	2.5	6
73	Effects of 4-nitrophenol on expression of the ER-land AhR signaling pathway-associated genes in the small intestine of rats. <i>Environmental Pollution</i> , 2016 , 216, 27-37	9.3	9
72	IMMUNOLOCALIZATION OF INHIBIN/ACTIVIN SUBUNITS AND STEROIDOGENIC ENZYMES IN THE TESTES OF AN ADULT AFRICAN ELEPHANT (LOXODONTA AFRICANA). <i>Journal of Zoo and Wildlife Medicine</i> , 2016 , 47, 419-22	0.9	3
71	Estrogenic Compounds Impair Primordial Follicle Formation by Inhibiting the Expression of Proapoptotic Hrk in Neonatal Rat Ovary. <i>Biology of Reproduction</i> , 2016 , 95, 78	3.9	7
70	Suppressive effects of long-term exposure to P-nitrophenol on gonadal development, hormonal profile with disruption of tissue integrity, and activation of caspase-3 in male Japanese quail (Coturnix japonica). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 10930-42	5.1	41
69	Social isolation prompts maternal behavior in sexually nalle male ddN mice. <i>Physiology and Behavior</i> , 2015 , 151, 9-15	3.5	4

(2013-2015)

68	Investigation the mRNA expression of KISS1 and localization of kisspeptin in the testes of Shiba goats and its relationship with the puberty and steriodogenic enzymes. <i>Small Ruminant Research</i> , 2015 , 133, 1-6	1.7	9
67	Effect of a single injection of gonadotropin-releasing hormone (GnRH) and human chorionic gonadotropin (hCG) on testicular blood flow measured by color doppler ultrasonography in male Shiba goats. <i>Journal of Veterinary Medical Science</i> , 2015 , 77, 549-56	1.1	24
66	Different effects of an extended photoperiod treatment on growth, gonadal function, and condition of hair coats in Thoroughbred yearlings reared under different climate conditions. <i>Journal of Equine Science</i> , 2015 , 26, 113-24	1.1	4
65	Effects of an extended photoperiod on gonadal function and condition of hair coats in Thoroughbred colts and fillies. <i>Journal of Equine Science</i> , 2015 , 26, 57-66	1.1	6
64	Promoting effects of an extended photoperiod treatment on the condition of hair coats and gonadal function in Thoroughbred weanlings. <i>Journal of Equine Science</i> , 2015 , 26, 147-50	1.1	1
63	Comparison of growth and endocrine changes in Thoroughbred colts and fillies reared under different climate conditions. <i>Journal of Equine Science</i> , 2015 , 26, 49-56	1.1	8
62	Lactogenic hormone stimulation and epigenetic control of L-amino acid oxidase expression in lactating mammary glands. <i>Journal of Cellular Physiology</i> , 2015 , 230, 2755-62	7	5
61	Effects of thyroid hormones on the antioxidative status in the uterus of young adult rats. <i>Journal of Reproduction and Development</i> , 2015 , 61, 219-27	2.1	29
60	Embryonic sex steroid hormones accumulate in the eggshell of loggerhead sea turtle (Caretta caretta). <i>General and Comparative Endocrinology</i> , 2015 , 224, 11-7	3	7
59	Neonatal exposure to 17 Ethinyl estradiol affects kisspeptin expression and LH-surge level in female rats. <i>Journal of Veterinary Medical Science</i> , 2014 , 76, 1105-10	1.1	8
58	Low expression of the antibacterial factor L-amino acid oxidase in bovine mammary gland. <i>Animal Science Journal</i> , 2014 , 85, 976-80	1.8	4
57	Neonatal exposure to 17 https://estradiolaffects.ovarian.gene expression and disrupts reproductive cycles in female rats. <i>Reproductive Toxicology</i> , 2014 , 46, 77-84	3.4	14
56	RNA-seq analysis of equine conceptus transcripts during embryo fixation and capsule disappearance. <i>PLoS ONE</i> , 2014 , 9, e114414	3.7	3
55	Protective effects of nuclear factor erythroid 2-related factor 2 on whole body heat stress-induced oxidative damage in the mouse testis. <i>Reproductive Biology and Endocrinology</i> , 2013 , 11, 23	5	52
54	Pregnancy-associated plasma protein (PAPP)-A expressed in the mammary gland controls epithelial cell proliferation and differentiation. <i>Endocrine</i> , 2013 , 43, 387-93	4	3
53	Translational control of cell growth and malignancy by the CPEBs. <i>Nature Reviews Cancer</i> , 2013 , 13, 283	-90 .3	78
52	Expression of inhibin/activin subunits in the equine uteri during the early pregnancy. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 423-8	1.6	4
51	Genetic and acute CPEB1 depletion ameliorate fragile X pathophysiology. <i>Nature Medicine</i> , 2013 , 19, 1473-7	50.5	94

50	Evaluation of the PATHFAST Chemiluminescent Enzyme Immunoassay for Measuring Progesterone in Whole Blood and Serum of Mares. <i>Journal of Equine Science</i> , 2013 , 24, 47-51	1.1	3
49	Preventive effect of tert-butylhydroquinone on scrotal heat-induced damage in mouse testes. <i>Genetics and Molecular Research</i> , 2013 , 12, 5433-41	1.2	7
48	Effects of exposure to nanoparticle-rich diesel exhaust on pregnancy in rats. <i>Journal of Reproduction and Development</i> , 2013 , 59, 145-50	2.1	31
47	Expression of endometrial immune-related genes possibly functioning during early pregnancy in the mare. <i>Journal of Reproduction and Development</i> , 2013 , 59, 85-91	2.1	7
46	Epithelial cell differentiation regulated by MicroRNA-200a in mammary glands. <i>PLoS ONE</i> , 2013 , 8, e651	1377	28
45	Presence of Transcription Factor OCT4 Limits Interferon-tau Expression during the Pre-attachment Period in Sheep. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013 , 26, 638-45	2.4	7
44	Effects of exposure to nanoparticle-rich diesel exhaust on adrenocortical function in adult male mice. <i>Toxicology Letters</i> , 2012 , 209, 277-81	4.4	17
43	CPEB-mediated ZO-1 mRNA localization is required for epithelial tight-junction assembly and cell polarity. <i>Nature Communications</i> , 2012 , 3, 675	17.4	58
42	Follicular turnover and hormonal association in postpartum goats during early and late lactation. Journal of Reproduction and Development, 2012 , 58, 61-8	2.1	3
41	Circulating pituitary and gonadal hormones in spring-born Thoroughbred fillies and colts from birth to puberty. <i>Journal of Reproduction and Development</i> , 2012 , 58, 522-30	2.1	17
40	The secretory pattern and source of immunoreactive prolactin in pregnant African (Loxodonta africana) and Asian (Elephas maximus) elephants. <i>Journal of Reproduction and Development</i> , 2012 , 58, 105-11	2.1	13
39	Secretory pattern of inhibin during estrous cycle and pregnancy in African (Loxodonta africana) and Asian (Elephas maximus) elephants. <i>Zoo Biology</i> , 2012 , 31, 511-22	1.6	10
38	Effect of nanoparticle-rich diesel exhaust on testosterone biosynthesis in adult male mice. <i>Inhalation Toxicology</i> , 2012 , 24, 599-608	2.7	22
37	Secretion of inhibin during the estrous cycle in the female Asian elephant (Elephas maximus). <i>Journal of Veterinary Medical Science</i> , 2011 , 73, 77-82	1.1	12
36	Production of calcium maintenance factor Stanniocalcin-1 (STC1) by the equine endometrium during the early pregnant period. <i>Journal of Reproduction and Development</i> , 2011 , 57, 203-11	2.1	11
35	A surge-like increase in luteinizing hormone preceding musth in a captive bull African elephant (Loxodonta africana). <i>Journal of Veterinary Medical Science</i> , 2011 , 73, 379-83	1.1	10
34	Annual Changes in Day-length, Temperature, and Circulating Reproductive Hormones in Thoroughbred Stallions and Geldings. <i>Journal of Equine Science</i> , 2011 , 22, 29-36	1.1	16
33	Post-Natal Dynamic Changes in Circulating Follicle-Stimulating Hormone, Luteinizing Hormone, Immunoreactive Inhibin, Progesterone, Testosterone and Estradiol-17lin Thoroughbred Colts until 6 Months of Age. Journal of Equipe Science 2011, 22, 9-15	1.1	5

(2006-2011)

32	Abundant expression of KCNE1 in the left ventricle of the miniature pig. <i>Heart and Vessels</i> , 2011 , 26, 353-6	2.1	2
31	Endocrine mechanisms responsible for different follicular development during the estrous cycle in Hatano high- and low-avoidance rats. <i>Journal of Reproduction and Development</i> , 2011 , 57, 690-9	2.1	8
30	Hydrogen peroxide produced by a low-molecular-weight compound in milk with high electrical conductivity in dairy cows. <i>Animal Science Journal</i> , 2010 , 81, 694-8	1.8	1
29	Differences in adrenocortical secretory and gene expression responses to stimulation in vitro by ACTH or prolactin between high- and low-avoidance Hatano rats. <i>Stress</i> , 2009 , 12, 22-9	3	7
28	L-amino acid oxidase plays a crucial role in host defense in the mammary glands. <i>FASEB Journal</i> , 2009 , 23, 2514-20	0.9	34
27	CD9 regulates transcription factor GCM1 and ERVWE1 expression through the cAMP/protein kinase A signaling pathway. <i>Reproduction</i> , 2009 , 138, 945-51	3.8	24
26	Induction of endogenous interferon tau gene transcription by CDX2 and high acetylation in bovine nontrophoblast cells. <i>Biology of Reproduction</i> , 2009 , 80, 1223-31	3.9	48
25	Involvement of GATA transcription factors in the regulation of endogenous bovine interferon-tau gene transcription. <i>Molecular Reproduction and Development</i> , 2009 , 76, 1143-52	2.6	40
24	A microRNA, miR-101a, controls mammary gland development by regulating cyclooxygenase-2 expression. <i>Differentiation</i> , 2009 , 77, 181-7	3.5	83
23	Interleukin-1 receptor antagonist expression in the equine endometrium during the peri-implantation period. <i>Domestic Animal Endocrinology</i> , 2009 , 36, 209-18	2.3	21
22	Prolactin induces phosphorylation of the STAT5 in adrenal glands of Hatano rats during stress. <i>Life Sciences</i> , 2009 , 85, 172-7	6.8	16
21	Generation of hydrogen peroxide by a low molecular weight compound in whey of Holstein dairy cows. <i>Journal of Dairy Research</i> , 2008 , 75, 257-61	1.6	13
20	Production of hydrogen peroxide by a small molecular mass compound in milk from Holstein cows with high and low milk somatic cell count. <i>Journal of Dairy Research</i> , 2008 , 75, 335-9	1.6	4
19	Comparative effects of prolactin versus ACTH, estradiol, progesterone, testosterone, and dihydrotestosterone on cortisol release and proliferation of the adrenocortical carcinoma cell line H295R. <i>Endocrine</i> , 2008 , 33, 205-9	4	10
18	Involvement of RNA binding proteins AUF1 in mammary gland differentiation. <i>Experimental Cell Research</i> , 2007 , 313, 2937-45	4.2	12
17	Physiological roles of prolactin in the adrenocortical response to acute restraint stress. <i>Endocrine Journal</i> , 2007 , 54, 703-11	2.9	37
16	Direct effects of prolactin on adrenal steroid release in male Hatano high-avoidance (HAA) rats may be mediated through Janus kinase 2 (Jak2) activity. <i>Journal of Reproduction and Development</i> , 2007 , 53, 887-93	2.1	13
15	Stability of casein mRNA is ensured by structural interactions between the 3Tuntranslated region and poly(A) tail via the HuR and poly(A)-binding protein complex. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006 , 1759, 132-40		16

14	Regulation of conceptus adhesion by endometrial CXC chemokines during the implantation period in sheep. <i>Molecular Reproduction and Development</i> , 2006 , 73, 850-8	2.6	45
13	Changes in immune cell distribution and IL-10 production are regulated through endometrial IP-10 expression in the goat uterus. <i>American Journal of Reproductive Immunology</i> , 2005 , 53, 54-64	3.8	26
12	Increase in DNA methylation downregulates conceptus interferon-tau gene expression. <i>Molecular Reproduction and Development</i> , 2004 , 67, 396-405	2.6	14
11	A chemokine, interferon (IFN)-gamma-inducible protein 10 kDa, is stimulated by IFN-tau and recruits immune cells in the ovine endometrium. <i>Biology of Reproduction</i> , 2003 , 68, 1413-21	3.9	56
10	Change of plasma insulin-like growth factor-1 (IGF-1) concentration with early growth in Japanese beef cattle. <i>Animal Science Journal</i> , 2003 , 74, 205-210	1.8	9
9	Regulation of blastocyst migration, apposition, and initial adhesion by a chemokine, interferon gamma-inducible protein 10 kDa (IP-10), during early gestation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 29048-56	5.4	65
8	Mechanisms responsible for increase in circulating inhibin levels at the time of ovulation in mares. <i>Theriogenology</i> , 2002 , 57, 1707-17	2.8	20
7	Differentiation of Pregnant Shiba Goats Using Plasma Amino Acid Concentrations and Mathematical Analysis <i>Journal of Reproduction and Development</i> , 2002 , 48, 523-529	2.1	
6	Expression of Inhibin/Activin Subunits, Aromatase and 3.BETAHydroxysteroid Dehydrogenase in Various Sized Ovarian Antral Follicles of the Mare <i>Journal of Equine Science</i> , 2001 , 12, 77-83	1.1	4
5	Enhancer regions of ovine interferon-tau gene that confer PMA response or cell type specific transcription. <i>Molecular and Cellular Endocrinology</i> , 2001 , 173, 147-55	4.4	13
4	Regulation of InterferonTAU. Gene Expression and the Maternal Recognition of Pregnancy Journal of Reproduction and Development, 2001 , 47, 69-82	2.1	3
3	Inhibin ProALPHA.C as the Marker of Testicular Function in the Stallion <i>Journal of Reproduction and Development</i> , 2000 , 46, 201-206	2.1	4
2	A selective increase in circulating inhibin and inhibin pro-alphaC at the time of ovulation in the mare. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E870-5	6	6
1	Inhibin secretion in the mare: localization of inhibin alpha, betaA, and betaB subunits in the ovary. Biology of Reproduction, 1998, 59, 1392-8	3.9	53