## Kentaro Nagaoka

List of Publications by Year in descending order

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201658 265191 2,437 123 27 42 citations g-index h-index papers 124 124 124 2988 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Genetic and acute CPEB1 depletion ameliorate fragile X pathophysiology. Nature Medicine, 2013, 19, 1473-1477.	30.7	115
2	A microRNA, miR-101a, controls mammary gland development by regulating cyclooxygenase-2 expression. Differentiation, 2009, 77, 181-187.	1.9	109
3	Translational control of cell growth and malignancy by the CPEBs. Nature Reviews Cancer, 2013, 13, 283-290.	28.4	100
4	Regulation of Blastocyst Migration, Apposition, and Initial Adhesion by a Chemokine, Interferon Î <sup>3</sup> -inducible Protein 10 kDa (IP-10), during Early Gestation. Journal of Biological Chemistry, 2003, 278, 29048-29056.	3.4	84
5	CPEB-mediated ZO-1 mRNA localization is required for epithelial tight-junction assembly and cell polarity. Nature Communications, 2012, 3, 675.	12.8	75
6	CPEB1 mediates epithelial-to-mesenchyme transition and breast cancer metastasis. Oncogene, 2016, 35, 2893-2901.	5.9	75
7	Intrauterine exosomes are required for bovine conceptus implantation. Biochemical and Biophysical Research Communications, 2018, 495, 1370-1375.	2.1	<b>7</b> 5
8	Protective effects of nuclear factor erythroid 2-related factor 2 on whole body heat stress-induced oxidative damage in the mouse testis. Reproductive Biology and Endocrinology, 2013, 11, 23.	3.3	66
9	Inhibin Secretion in the Mare: Localization of Inhibin $\hat{l}\pm$ , $\hat{l}^2A$ , and $\hat{l}^2B$ Subunits in the Ovary1. Biology of Reproduction, 1998, 59, 1392-1398.	2.7	63
10	A Chemokine, Interferon (IFN)- $\hat{l}^3$ -Inducible Protein 10 kDa, Is Stimulated by IFN- $\ddot{l}$ , and Recruits Immune Cells in the Ovine Endometrium1. Biology of Reproduction, 2003, 68, 1413-1421.	2.7	63
11	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) Tj ETQq1 1	<b>G</b> 784314	5gBT /Overl
12	Regulation of conceptus adhesion by endometrial CXC chemokines during the implantation period in sheep. Molecular Reproduction and Development, 2006, 73, 850-858.	2.0	52
13	Induction of Endogenous Interferon Tau Gene Transcription by CDX2 and High Acetylation in Bovine Nontrophoblast Cells1. Biology of Reproduction, 2009, 80, 1223-1231.	2.7	51
14	Involvement of GATA transcription factors in the regulation of endogenous bovine interferonâ€√au gene transcription. Molecular Reproduction and Development, 2009, 76, 1143-1152.	2.0	45
15	Characterization of membrane penetration and cytotoxicity of C9orf72-encoding arginine-rich dipeptides. Scientific Reports, 2018, 8, 12740.	3.3	44
16	Ovarian progesterone suppresses depression and anxiety-like behaviors by increasing the Lactobacillus population of gut microbiota in ovariectomized mice. Neuroscience Research, 2021, 168, 76-82.	1.9	43
17	Physiological Roles of Prolactin in the Adrenocortical Response to Acute Restraint Stress. Endocrine Journal, 2007, 54, 703-711.	1.6	40
18	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. Journal of Veterinary Medical Science, 2015, 77, 549-556.	0.9	40

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19	Effects of thyroid hormones on the antioxidative status in the uterus of young adult rats. Journal of Reproduction and Development, 2015, 61, 219-227.	1.4	39
20	Administration of melatonin improves testicular blood flow, circulating hormones, and semen quality in Shiba goats. Theriogenology, 2020, 146, 111-119.	2.1	38
21	Lâ€Amino acid oxidase plays a crucial role in host defense in the mammary glands. FASEB Journal, 2009, 23, 2514-2520.	0.5	37
22	Effects of Exposure to Nanoparticle-rich Diesel Exhaust on Pregnancy in Rats. Journal of Reproduction and Development, 2013, 59, 145-150.	1.4	36
23	Changes in Immune Cell Distribution and IL-10 Production are Regulated through Endometrial IP-10 Expression in the Goat Uterus. American Journal of Reproductive Immunology, 2005, 53, 54-64.	1.2	35
24	Epithelial Cell Differentiation Regulated by MicroRNA-200a in Mammary Glands. PLoS ONE, 2013, 8, e65127.	2.5	34
25	MicroRNA detection at femtomolar concentrations with isothermal amplification and a biological nanopore. Nanoscale, 2017, 9, 16124-16127.	5.6	33
26	CD9 regulates transcription factor GCM1 and ERVWE1 expression through the cAMP/protein kinase A signaling pathway. Reproduction, 2009, 138, 945-951.	2.6	29
27	Comparison of the fecal microbiota of two monogastric herbivorous and five omnivorous mammals. Animal Science Journal, 2020, 91, e13366.	1.4	29
28	Effects of Daily Exposure to Saccharin and Sucrose on Testicular Biologic Functions in Mice. Biology of Reproduction, 2016, 95, 116-116.	2.7	28
29	Effect of nanoparticle-rich diesel exhaust on testosterone biosynthesis in adult male mice. Inhalation Toxicology, 2012, 24, 599-608.	1.6	27
30	Effect of seasonality on testicular blood flow as determined by color Doppler ultrasonography and hormonal profiles in Shiba goats. Animal Reproduction Science, 2018, 197, 185-192.	1.5	27
31	Hippocampal metabolism of amino acids by L-amino acid oxidase is involved in fear learning and memory. Scientific Reports, 2018, 8, 11073.	3.3	25
32	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. Neuroscience Letters, 2020, 720, 134753.	2.1	23
33	Interleukin-1 receptor antagonist expression in the equine endometrium during the peri-implantation period. Domestic Animal Endocrinology, 2009, 36, 209-218.	1.6	22
34	Mechanisms responsible for increase in circulating inhibin levels at the time of ovulation in mares. Theriogenology, 2002, 57, 1707-1717.	2.1	21
35	Circulating Pituitary and Gonadal Hormones in Spring-born Thoroughbred Fillies and Colts from Birth to Puberty. Journal of Reproduction and Development, 2012, 58, 522-530.	1.4	21
36	Assessment of correlations and concentrations of salivary and plasma steroids, testicular morphometry, and semen quality in different climatic conditions in goats. Theriogenology, 2020, 157, 238-244.	2.1	21

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37	Annual Changes in Day-length, Temperature, and Circulating Reproductive Hormones in Thoroughbred Stallions and Geldings. Journal of Equine Science, 2011, 22, 29-36.	0.8	20
38	Effects of exposure to nanoparticle-rich diesel exhaust on adrenocortical function in adult male mice. Toxicology Letters, 2012, 209, 277-281.	0.8	19
39	4-Nitrophenol (PNP) inhibits the expression of estrogen receptor $\hat{l}^2$ and disrupts steroidogenesis during the ovarian development in female rats. Environmental Pollution, 2017, 229, 1-9.	7.5	19
40	Involvement of RNA binding proteins AUF1 in mammary gland differentiation. Experimental Cell Research, 2007, 313, 2937-2945.	2.6	18
41	Prolactin induces phosphorylation of the STAT5 in adrenal glands of Hatano rats during stress. Life Sciences, 2009, 85, 172-177.	4.3	18
42	Effect of kisspeptin antagonist on goat inÂvitro Leydig cell steroidogenesis. Theriogenology, 2018, 121, 134-140.	2.1	18
43	Stability of casein mRNA is ensured by structural interactions between the 3′-untranslated region and poly(A) tail via the HuR and poly(A)-binding protein complex. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2006, 1759, 132-140.	2.4	17
44	Increase in DNA methylation downregulates conceptus interferon-tau gene expression. Molecular Reproduction and Development, 2004, 67, 396-405.	2.0	16
45	The Secretory Pattern and Source of Immunoreactive Prolactin in Pregnant African ( <i>Loxodonta) Tj ETQq1 1 C 2012, 58, 105-111.</i>	).784314 rş 1.4	gBT /Overlock 15
46	Enhancer regions of ovine interferon-Ï, gene that confer PMA response or cell type specific transcription. Molecular and Cellular Endocrinology, 2001, 173, 147-155.	3.2	14
47	Neonatal exposure to 17α-ethynyl estradiol affects ovarian gene expression and disrupts reproductive cycles in female rats. Reproductive Toxicology, 2014, 46, 77-84.	2.9	14
48	Generation of hydrogen peroxide by a low molecular weight compound in whey of Holstein dairy cows. Journal of Dairy Research, 2008, 75, 257-261.	1.4	13
49	Secretion of Inhibin during the Estrous Cycle in the Female Asian Elephant (Elephas maximus). Journal of Veterinary Medical Science, 2011, 73, 77-82.	0.9	13
50	Secretory Pattern of Inhibin During Estrous Cycle and Pregnancy in African ( <i>Loxodonta) Tj ETQq0 0 0 rgBT /0</i>	Overlock 10	Tf 50 222 To
51	The stimulatory effect of subluteal progesterone environment on the superovulatory response of passive immunization against inhibin in goats. Theriogenology, 2018, 121, 188-195.	2.1	13
52	Gut microbiota development in mice is affected by hydrogen peroxide produced from amino acid metabolism during lactation. FASEB Journal, 2019, 33, 3343-3352.	0.5	13
53	Direct Effects of Prolactin on Adrenal Steroid Release in Male Hatano High-Avoidance (HAA) Rats May be Mediated Through Janus Kinase 2 (Jak2) Activity. Journal of Reproduction and Development, 2007, 53, 887-893.	1.4	13
54	A selective increase in circulating inhibin and inhibin pro-l±C at the time of ovulation in the mare. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E870-E875.	3.5	12

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55	Comparative effects of prolactin versus ACTH, estradiol, progesterone, testosterone, and dihydrotestosterone on cortisol release and proliferation of the adrenocortical carcinoma cell line H295R. Endocrine, 2008, 33, 205-209.	2.3	12
56	Production of Calcium Maintenance Factor Stanniocalcin-1 (STC1) by the Equine Endometrium During the Early Pregnant Period. Journal of Reproduction and Development, 2011, 57, 203-211.	1.4	12
57	Comparison of growth and endocrine changes in Thoroughbred colts and fillies reared under different climate conditions. Journal of Equine Science, 2015, 26, 49-56.	0.8	12
58	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. Small Ruminant Research, 2015, 133, 1-6.	1.2	12
59	Effects of 4-nitrophenol on expression of the ER- $\hat{l}\pm$ and AhR signaling pathway-associated genes in the small intestine of rats. Environmental Pollution, 2016, 216, 27-37.	7.5	12
60	Change of plasma insulin-like growth factor-1 (IGF-1) concentration with early growth in Japanese beef cattle. Animal Science Journal, 2003, 74, 205-210.	1.4	11
61	Preventive effect of tert-butylhydroquinone on scrotal heat-induced damage in mouse testes. Genetics and Molecular Research, 2013, 12, 5433-5441.	0.2	11
62	Neonatal exposure to 17α-ethynyl estradiol (EE) disrupts follicle development and reproductive hormone profiles in female rats. Toxicology Letters, 2017, 276, 92-99.	0.8	11
63	Effects of non-purified and semi-purified commercial diets on behaviors, plasma corticosterone levels, and cecum microbiome in C57BL/6J mice. Neuroscience Letters, 2018, 670, 36-40.	2.1	11
64	Fluvastatin Sodium Ameliorates Obesity through Brown Fat Activation. International Journal of Molecular Sciences, 2019, 20, 1622.	4.1	11
65	Role of Two-Dimensional Speckle-Tracking Echocardiography in Early Detection of Left Ventricular Dysfunction in Dogs. Animals, 2021, 11, 2361.	2.3	11
66	A Surge-Like Increase in Luteinizing Hormone Preceding Musth in a Captive Bull African Elephant (Loxodonta africana). Journal of Veterinary Medical Science, 2011, 73, 379-383.	0.9	10
67	Neonatal Exposure to 17α-Ethinyl Estradiol Affects Kisspeptin Expression and LH-Surge Level in Female Rats. Journal of Veterinary Medical Science, 2014, 76, 1105-1110.	0.9	10
68	Effects of an extended photoperiod on gonadal function and condition of hair coats in Thoroughbred colts and fillies. Journal of Equine Science, 2015, 26, 57-66.	0.8	10
69	The effects of phytosterols on the sexual behavior and reproductive function in the Japanese quail (Coturnix coturnix japonica). Poultry Science, 2017, 96, 3436-3444.	3.4	10
70	Passive immunization against inhibin increases testicular blood flow in male goats. Theriogenology, 2020, 147, 85-91.	2.1	10
71	Embryonic sex steroid hormones accumulate in the eggshell of loggerhead sea turtle (Caretta) Tj ETQq1 1 0.7843	14 rgBT /C 1.8	Dyerlock 10
72	4â€Nitrophenol exposure alters the AhR signaling pathway and related gene expression in the rat liver. Journal of Applied Toxicology, 2017, 37, 150-158.	2.8	9

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73	Decrease of lactogenic hormones induce epithelial-mesenchymal transition via TGF $\hat{l}^21$ and arachidonic acid during mammary gland involution. Journal of Reproduction and Development, 2017, 63, 325-332.	1.4	9
74	Pre-pubertal exposure to high temperature impairs ovarian and adrenal gland function in female rats. Journal of Veterinary Medical Science, 2019, 81, 279-286.	0.9	9
75	The relation between liver damage and reproduction in female Japanese quail (Coturnix japonica) exposed to high ambient temperature. Poultry Science, 2020, 99, 4586-4597.	3.4	9
76	Analysis of infant microbiota composition and the relationship with breast milk components in the Asian elephant (Elephas maximus) at the zoo. Journal of Veterinary Medical Science, 2020, 82, 983-989.	0.9	9
77	Differences in adrenocortical secretory and gene expression responses to stimulation <i>in vitro</i> by ACTH or prolactin between high- and low-avoidance Hatano rats. Stress, 2009, 12, 22-29.	1.8	8
78	Post-Natal Dynamic Changes in Circulating Follicle-Stimulating Hormone, Luteinizing Hormone, Immunoreactive Inhibin, Progesterone, Testosterone and Estradiol-17.BETA. in Thoroughbred Colts until 6 Months of Age. Journal of Equine Science, 2011, 22, 9-15.	0.8	8
79	Expression of Endometrial Immune-related Genes Possibly Functioning During Early Pregnancy in the Mare. Journal of Reproduction and Development, 2013, 59, 85-91.	1.4	8
80	Yolk immunoreactive corticosterone in hierarchical follicles of Japanese quail (Coturnix japonica) exposed to heat challenge. General and Comparative Endocrinology, 2019, 279, 148-153.	1.8	8
81	L-amino acid oxidase $1$ in sperm is associated with reproductive performance in male mice and bulls. Biology of Reproduction, 2021, 104, 1154-1161.	2.7	8
82	Endocrine Mechanisms Responsible for Different Follicular Development During the Estrous Cycle in Hatano High- and Low-avoidance Rats. Journal of Reproduction and Development, 2011, 57, 690-699.	1.4	8
83	Lactogenic hormone stimulation and epigenetic control of L-amino acid oxidase expression in lactating mammary glands. Journal of Cellular Physiology, 2015, 230, 2755-2762.	4.1	7
84	Social isolation prompts maternal behavior in sexually na $\tilde{A}$ -ve male ddN mice. Physiology and Behavior, 2015, 151, 9-15.	2.1	7
85	Changes in bone mass during the perimenopausal transition in naturally menopausal cynomolgus monkeys. Menopause, 2016, 23, 87-99.	2.0	7
86	Estrogenic Compounds Impair Primordial Follicle Formation by Inhibiting the Expression of Proapoptotic Hrk in Neonatal Rat Ovary. Biology of Reproduction, 2016, 95, 78-78.	2.7	7
87	Day 7 Embryos Change the Proteomics and Exosomal Micro-RNAs Content of Bovine Uterine Fluid: Involvement of Innate Immune Functions. Frontiers in Genetics, 2021, 12, 676791.	2.3	7
88	Presence of Transcription Factor OCT4 Limits Interferon-tau Expression during the Pre-attachment Period in Sheep. Asian-Australasian Journal of Animal Sciences, 2013, 26, 638-645.	2.4	7
89	Different effects of an extended photoperiod treatment on growth, gonadal function, and condition of hair coats in Thoroughbred yearlings reared under different climate conditions. Journal of Equine Science, 2015, 26, 113-124.	0.8	6
90	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.	1.4	6

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91	Expression of Inhibin/Activin Subunits, Aromatase and 3.BETAHydroxysteroid Dehydrogenase in Various Sized Ovarian Antral Follicles of the Mare Journal of Equine Science, 2001, 12, 77-83.	0.8	5
92	Expression of Inhibin/Activin Subunits in the Equine Uteri during the Early Pregnancy. Reproduction in Domestic Animals, 2013, 48, 423-428.	1.4	5
93	Comparison of physical body growth and metabolic and reproductive endocrine functions between north and south climates of Japan in trained Thoroughbred yearling horses. Journal of Equine Science, 2017, 28, 77-86.	0.8	5
94	Accumulation of steroid hormones in the eggshells of Japanese quail (Coturnix coturnix japonica). General and Comparative Endocrinology, 2018, 259, 161-164.	1.8	5
95	Evaluation of the chemiluminescent enzyme immunoassay system for the measurement of testosterone in the serum and whole blood of stallions. Journal of Reproduction and Development, 2018, 64, 41-47.	1.4	5
96	Steroidogenic enzyme expression in estrogen production in the goat gastrointestinal (GI) tract and the effect of castration. Journal of Veterinary Medical Science, 2017, 79, 1253-1260.	0.9	5
97	Production of hydrogen peroxide by a small molecular mass compound in milk from Holstein cows with high and low milk somatic cell count. Journal of Dairy Research, 2008, 75, 335-339.	1.4	4
98	Follicular Turnover and Hormonal Association in Postpartum Goats During Early and Late Lactation. Journal of Reproduction and Development, 2012, 58, 61-68.	1.4	4
99	Pregnancy-associated plasma protein (PAPP)-A expressed in the mammary gland controls epithelial cell proliferation and differentiation. Endocrine, 2013, 43, 387-393.	2.3	4
100	Low expression of the antibacterial factor <scp>L</scp> â€amino acid oxidase in bovine mammary gland. Animal Science Journal, 2014, 85, 976-980.	1.4	4
101	IMMUNOLOCALIZATION OF INHIBIN/ACTIVIN SUBUNITS AND STEROIDOGENIC ENZYMES IN THE TESTES OF AN ADULT AFRICAN ELEPHANT (LOXODONTA AFRICANA). Journal of Zoo and Wildlife Medicine, 2016, 47, 419-422.	0.6	4
102	Feeding of phytosterols reduced testosterone production by modulating GnRH and GnIH expression in the brain and testes of male Japanese quail (Coturnix coturnix japonica). Poultry Science, 2018, 97, 1066-1072.	3.4	4
103	Immunohistochemical localization of inhibin/activin subunits in adult Asian elephant ( <i>Elephas) Tj ETQq1 1 0.78</i>	34314 rgB 0.9	T /Overlock
104	Heat challenge influences serum metabolites concentrations and liver lipid metabolism in Japanese quail (Coturnix japonica). Journal of Veterinary Medical Science, 2019, 81, 77-83.	0.9	4
105	Estrogen promotes increased breast cancer cell proliferation and migration through downregulation of CPEB1 expression. Biochemical and Biophysical Research Communications, 2021, 534, 871-876.	2.1	4
106	Inhibin ProALPHA.C as the Marker of Testicular Function in the Stallion Journal of Reproduction and Development, 2000, 46, 201-206.	1.4	4
107	Regulation of InterferonTAU. Gene Expression and the Maternal Recognition of Pregnancy Journal of Reproduction and Development, 2001, 47, 69-82.	1.4	4
108	Characterization of Serum Metabolome and Proteome Profiles Identifies SNX5 Specific for Pregnancy Failure in Holstein Heifers. Life, 2022, 12, 309.	2.4	4

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109	Evaluation of the PATHFAST Chemiluminescent Enzyme Immunoassay for Measuring Progesterone in Whole Blood and Serum of Mares. Journal of Equine Science, 2013, 24, 47-51.	0.8	3
110	Promoting effects of an extended photoperiod treatment on the condition of hair coats and gonadal function in Thoroughbred weanlings. Journal of Equine Science, 2015, 26, 147-150.	0.8	3
111	Different origins of two corpora lutea recovered from a pregnant African elephant ( <i>Loxodonta) Tj ETQq1 10.</i>	784314 rg	gBT <sub>g</sub> /Overlock
112	Contrasting gut microbiota in captive Eurasian otters (Lutra lutra) by age. Archives of Microbiology, 2021, 203, 5405-5416.	2.2	3
113	RNA-Seq Analysis of Equine Conceptus Transcripts during Embryo Fixation and Capsule Disappearance. PLoS ONE, 2014, 9, e114414.	2.5	3
114	Abundant expression of KCNE1 in the left ventricle of the miniature pig. Heart and Vessels, 2011, 26, 353-356.	1,2	2
115	PATHFAST, a novel chemiluminescent enzyme immunoassay for measuring estradiol in equine whole blood and serum. Journal of Reproduction and Development, 2016, 62, 631-634.	1.4	2
116	Sensitive radioimmunoassay of total thyroxine (T4) in horses using a simple extraction method. Journal of Veterinary Medical Science, 2017, 79, 1294-1300.	0.9	2
117	Effects of Phytosterols as Food Additives on Adrenal and Reproductive Endocrine Function during Sexual Maturation in Male Japanese Quail ( <i>Coturnix coturnix japonica</i> ). Journal of Poultry Science, 2018, 55, 155-161.	1.6	2
118	Hydrogen peroxide produced by a lowâ€molecularâ€weight compound in milk with high electrical conductivity in dairy cows. Animal Science Journal, 2010, 81, 694-698.	1.4	1
119	Degradation of staphylococcal enterotoxin A by a Pseudomonas aeruginosa isolate from raw milk. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1436-1443.	1.3	1
120	Effects of a selective casein kinase $1\hat{l}$ and $\hat{l}\mu$ inhibitor on Fc $\hat{l}\mu$ RI expression and IgE-mediated immediate-type cutaneous reactions in dogs. Journal of Veterinary Medical Science, 2019, 81, 1680-1684.	0.9	1
121	Circulating activin A during equine gestation and immunolocalization of its receptors system in utero-placental tissues and fetal gonads. Journal of Equine Science, 2021, 32, 39-48.	0.8	1
122	Effects of sugar cane extract on steroidogenesis in testicular interstitial cells of male Japanese quail ( <i>Coturnix japonica</i> ). Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 760-767.	1.9	1
123	Differentiation of Pregnant Shiba Goats Using Plasma Amino Acid Concentrations and Mathematical Analysis Journal of Reproduction and Development, 2002, 48, 523-529.	1.4	0