

# Toshio Inaba

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,124  
citations

361413

20  
h-index

454955

30  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of embryonic stem-like cells from canine blastocysts. <i>Molecular Reproduction and Development</i> , 2006, 73, 298-305.	2.0	89
2	Effect of ovarian hormones on periodical changes in immune resistance associated with estrous cycle in the beagle bitch. <i>Immunobiology</i> , 2004, 209, 619-627.	1.9	46
3	Evaluation of transplantation of autologous bone marrow stromal cells into the cerebrospinal fluid for treatment of chronic spinal cord injury in dogs. <i>American Journal of Veterinary Research</i> , 2011, 72, 1118-1123.	0.6	46
4	Insulin-like peptide 3 stimulates testosterone secretion in mouse Leydig cells via cAMP pathway. <i>Regulatory Peptides</i> , 2012, 178, 102-106.	1.9	44
5	Generation of Functional Platelets from Canine Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 2026-2035.	2.1	41
6	Exosomes derived from tumor cells genetically modified to express <i>Mycobacterium tuberculosis</i> antigen: a novel vaccine for cancer therapy. <i>Biotechnology Letters</i> , 2016, 38, 1857-1866.	2.2	41
7	Plasma insulin-like peptide 3 and testosterone concentrations in male dogs: Changes with age and effects of cryptorchidism. <i>Theriogenology</i> , 2012, 77, 550-557.	2.1	36
8	Changes in plasma concentrations of insulin-like peptide 3 and testosterone from birth to pubertal age in beef bulls. <i>Theriogenology</i> , 2011, 76, 1632-1638.	2.1	35
9	Safety of Autologous Bone Marrow Stromal Cell Transplantation in Dogs with Acute Spinal Cord Injury. <i>Veterinary Surgery</i> , 2012, 41, 437-442.	1.0	35
10	Expression of estrogen receptor $\alpha$ and $\beta$ genes in the mediobasal hypothalamus, pituitary and ovary during the canine estrous cycle. <i>Neuroscience Letters</i> , 2003, 347, 131-135.	2.1	33
11	Effect of co-culturing with embryonic fibroblasts on IVM, IVF and IVC of canine oocytes. <i>Theriogenology</i> , 2006, 66, 1083-1090.	2.1	32
12	Induction of fertile estrus in bitches using a sustained-release formulation of a GnRH agonist (leuprolide acetate). <i>Theriogenology</i> , 1998, 49, 975-982.	2.1	31
13	IFN $\gamma$ Markedly Cooperates with Intratumoral Dendritic Cell Vaccine in Dog Tumor Models. <i>Cancer Research</i> , 2010, 70, 7093-7101.	0.9	30
14	Evaluation of Serum Phosphorylated Neurofilament Subunit NF $\kappa$ H as a Prognostic Biomarker in Dogs With Thoracolumbar Intervertebral Disc Herniation. <i>Veterinary Surgery</i> , 2014, 43, 289-293.	1.0	28
15	Increasing gonadotropin-releasing hormone release by perfused hypothalamus from early to late anestrus in the beagle bitch. <i>Neuroscience Letters</i> , 1996, 207, 1-4.	2.1	27
16	Reduction of mucin-1 gene expression associated with increased <i>Escherichia coli</i> adherence in the canine uterus in the early stage of dioestrus. <i>Veterinary Journal</i> , 2007, 173, 325-332.	1.7	26
17	Lactoferrin expression in the canine uterus during the estrous cycle and with pyometra. <i>Theriogenology</i> , 2006, 66, 1325-1333.	2.1	24
18	Generation of Footprint-Free Canine Induced Pluripotent Stem Cells Using Auto-Erasable Sendai Virus Vector. <i>Stem Cells and Development</i> , 2018, 27, 1577-1586.	2.1	23

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19	Canine oocyte maturation in culture: Significance of estrogen and EGF receptor gene expression in cumulus cells. <i>Theriogenology</i> , 2009, 71, 560-567.	2.1	21
20	Epidermal growth factor, transforming growth factor- $\beta$ , and epidermal growth factor receptor expression and localization in the canine endometrium during the estrous cycle and in bitches with pyometra. <i>Theriogenology</i> , 2010, 73, 36-47.	2.1	21
21	In vitro effects of estradiol-17 $\beta$ , monobutyl phthalate and mono-(2-ethylhexyl) phthalate on the secretion of testosterone and insulin-like peptide 3 by interstitial cells of scrotal and retained testes in dogs. <i>Theriogenology</i> , 2011, 76, 1227-1233.	2.1	20
22	Induction of Luteinizing Hormone Surge by Pulsatile Administration of Gonadotropin-Releasing Hormone Analogue in Cows with Follicular Cysts.. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 463-466.	0.9	19
23	Enhancement of estrogen receptor gene expression in the mediobasal hypothalamus during anestrus in the beagle bitch. <i>Neuroscience Letters</i> , 1997, 227, 149-152.	2.1	19
24	Feeder-independent canine induced pluripotent stem cells maintained under serum-free conditions. <i>Molecular Reproduction and Development</i> , 2017, 84, 329-339.	2.0	19
25	Changes of plasma concentrations of insulin-like peptide 3 and testosterone, and their association with scrotal circumference during pubertal development in male goats. <i>Theriogenology</i> , 2017, 92, 51-56.	2.1	17
26	Increased lh pulse frequency and estrogen secretion associated with termination of anestrus followed by enhancement of uterine estrogen receptor gene expression in the beagle bitch. <i>Theriogenology</i> , 1999, 52, 593-607.	2.1	16
27	Plasma insulin-like peptide 3 concentrations are acutely regulated by luteinizing hormone in pubertal Japanese Black beef bulls. <i>Theriogenology</i> , 2015, 84, 1530-1535.	2.1	16
28	Oxytocin gene expression and action in goat testis. <i>Theriogenology</i> , 1999, 52, 425-434.	2.1	14
29	Generation of canine dendritic cells from peripheral blood monocytes without using purified cytokines. <i>Veterinary Immunology and Immunopathology</i> , 2006, 114, 37-48.	1.2	14
30	Numbers of gonadotropin receptors and concentrations of steroid hormones in bovine follicles.. <i>The Japanese Journal of Animal Reproduction</i> , 1989, 35, 106-112.	0.2	13
31	Plasma concentrations of LH, testosterone and estradiol-17 $\beta$ . <i>The Japanese Journal of Animal Reproduction</i> , 1988, 34, 99-104.	0.2	12
32	Effects of long-acting GnRH antagonist, degarelix acetate, on plasma insulin-like peptide 3, testosterone and luteinizing hormone concentrations, and scrotal circumference in male goats. <i>Theriogenology</i> , 2017, 88, 228-235.	2.1	12
33	Highly Effective Non-Viral Antitumor Gene Therapy System Comprised of Biocompatible Small Plasmid Complex Particles Consisting of pDNA, Anionic Polysaccharide, and Fully Deprotected Linear Polyethylenimine. <i>Pharmaceutics</i> , 2015, 7, 152-164.	4.5	11
34	Fetal gender prediction based on maternal plasma testosterone and insulin-like peptide 3 concentrations at midgestation and late gestation in cattle. <i>Theriogenology</i> , 2016, 86, 1764-1773.	2.1	11
35	Effect of IL-12 on canine dendritic cell maturation following differentiation induced by granulocyte-macrophage CSF and IL-4. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 322-326.	1.2	10
36	Expression analyses of insulin-like peptide 3, RXFP2, LH receptor, and 3 $\beta$ -hydroxysteroid dehydrogenase in testes of normal and cryptorchid dogs. <i>Theriogenology</i> , 2015, 84, 1176-1184.	2.1	10

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37	Acute regulation of plasma insulin-like peptide 3 concentrations by luteinizing hormone in male goats. <i>Theriogenology</i> , 2016, 86, 749-756.	2.1	10
38	Generation of Canine Induced Extraembryonic Endoderm-Like Cell Line That Forms Both Extraembryonic and Embryonic Endoderm Derivatives. <i>Stem Cells and Development</i> , 2017, 26, 1111-1120.	2.1	10
39	Baculovirus-insect cell production of bioactive porcine FSH. <i>Theriogenology</i> , 1997, 47, 491-499.	2.1	9
40	Enhancement of aromatase gene expression in the mediobasal hypothalamus during anestrus in the beagle bitch. <i>Neuroscience Letters</i> , 2002, 333, 107-110.	2.1	9
41	Effect of ovarian hormones on maturation of dendritic cells from peripheral blood monocytes in dogs. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 771-775.	0.9	9
42	Microbial Antigen-Presenting Extracellular Vesicles Derived from Genetically Modified Tumor Cells Promote Antitumor Activity of Dendritic Cells. <i>Pharmaceutics</i> , 2021, 13, 57.	4.5	9
43	Developmental changes in testicular luteinising hormone receptors and androgens in the dog. <i>Research in Veterinary Science</i> , 1994, 57, 305-309.	1.9	8
44	Reversible suppression of pituitary-testicular function by a sustained-release formulation of a gnRH agonist (Leuprolide acetate) in dogs. <i>Theriogenology</i> , 1996, 46, 671-677.	2.1	8
45	Evaluation of methods for cell harvesting and the biological properties at successive passages of canine bone marrow stromal cells. <i>American Journal of Veterinary Research</i> , 2012, 73, 1832-1840.	0.6	8
46	Canine mesenchymal stromal cell-conditioned medium promotes survival and neurite outgrowth of neural stem cells. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 668-672.	0.9	8
47	Recombinant porcine follicle stimulating hormone produced in baculovirus-insect cells induces rat ovulation in vivo and gene expression of tissue plasminogen activator in vitro. <i>Research in Veterinary Science</i> , 1998, 64, 25-29.	1.9	7
48	Testicular gene expression of steroidogenesis-related factors in prepubertal, postpubertal, and aging dogs. <i>Theriogenology</i> , 2017, 90, 42-48.	2.1	7
49	Potent adjuvant effect elicited for tumor immunotherapy by a liposome conjugated pH-sensitive polymer and dendritic cell-targeting Toll-like-receptor ligand. <i>Vaccine</i> , 2022, 40, 1448-1457.	3.8	7
50	Production of feline leukemia inhibitory factor with biological activity in <i>Escherichia coli</i> . <i>Theriogenology</i> , 2016, 86, 604-611.	2.1	6
51	Innate immunity mediated by dendritic cells/macrophages plays a central role in the early period in tumor treatment using gene of <i>Mycobacterium tuberculosis</i> antigen. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 190-196.	0.9	6
52	Development of feline embryos produced using freeze-dried sperm. <i>Theriogenology</i> , 2020, 147, 71-76.	2.1	6
53	Enzyme immunoassay of gonadotropin releasing hormone in the canine hypothalamus and plasma using monoclonal antibodies. <i>British Veterinary Journal</i> , 1994, 150, 85-92.	0.5	5
54	Construction of an expression vector for improved secretion of canine IL-18. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 388-391.	1.2	5

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55	Enhancement of anti-tumor immune responses by transfection of IFN $\beta$ gene into tumor using a novel type synthetic vector. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 59-64.	1.2	5
56	Development of feline embryos produced by Piezo-actuated intracytoplasmic sperm injection of elongated spermatids. <i>Journal of Reproduction and Development</i> , 2019, 65, 245-250.	1.4	5
57	Expression and localization of epidermal growth factor, transforming growth factor- $\beta$ and epidermal growth factor receptor in the canine testis. <i>Journal of Reproduction and Development</i> , 2016, 62, 59-64.	1.4	4
58	Manipulation of the tumor microenvironment by cytokine gene transfection enhances dendritic cell-based immunotherapy. <i>FASEB BioAdvances</i> , 2020, 2, 5-17.	2.4	4
59	Progesterone and estrogen synthesis by the bovine Placenta.. <i>The Japanese Journal of Animal Reproduction</i> , 1983, 29, 88-93.	0.2	4
60	A Progesterone Antagonist Cannot Prevent Fetal Survival if the Uterine Horn is Incised.. <i>Endocrine Journal</i> , 1998, 45, 785-789.	1.6	3
61	Induction of fertile oestrus in bitches by an intranasal spray of gonadotrophinreleasing hormone agonist. <i>Veterinary Record</i> , 2006, 158, 378-379.	0.3	3
62	Production of canine soluble CD40 ligand to induce maturation of monocyte derived dendritic cells for cancer immunotherapy. <i>Veterinary Immunology and Immunopathology</i> , 2013, 156, 121-127.	1.2	3
63	Positive correlation between patency and mRNA levels for cyclooxygenase-2 and prostaglandin E synthase in the uterine cervix of bitches with pyometra. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 525-528.	0.9	3
64	Expression of a Cloned Full-Length cDNA Encoding Bovine Luteinizing Hormone Receptor in COS-7 Cells.. <i>Journal of Reproduction and Development</i> , 2002, 48, 531-538.	1.4	3
65	Effects of the preservation medium and storage duration of domestic cat ovaries on the maturational and developmental competence of oocytes &in vitro;. <i>Journal of Reproduction and Development</i> , 2022, 68, 160-164.	1.4	3
66	Induction of fertile oestrus in dioestrous bitches using prostaglandin F $_{2\alpha}$ and a GnRH agonist. <i>Veterinary Record</i> , 2011, 168, 669-669.	0.3	2
67	Long-Term Trypsin Treatment Promotes Stem Cell Potency of Canine Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2021, 30, 337-349.	2.1	2
68	Quality of life-improving effect of autologous ex vivo expanded cytotoxic and opioid-producing lymphocytes for dogs with cancers. <i>Veterinary Immunology and Immunopathology</i> , 2021, 238, 110292.	1.2	1
69	Effect of testosterone enanthate on follicular growth in rats. <i>Drug Development Research</i> , 1996, 37, 208-211.	2.9	0
70	Evaluation of Fertilizing Ability of Spermatozoa from Individual Drake via In Vitro Sperm-egg Interaction Assay. <i>Nihon Chikusan Gakkaiho</i> , 2001, 72, 14-18.	0.2	0
71	Experimental induction of estrus and ovulation in bovine by systemic injection of prostaglandin F $_{2\alpha}$ , or its analogues. <i>The Japanese Journal of Animal Reproduction</i> , 1978, 24, 161-168.	0.2	0
72	Production and Action Mechanism of Sex Hormones in Male Dogs. <i>The Japanese Journal of Animal Reproduction</i> , 1989, 35, 1P-10P.	0.2	0

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73	Effects of hexestrol dicaprylate on testosterone metabolism in the canine prostate.. The Japanese Journal of Animal Reproduction, 1983, 29, 182-187.	0.2	0