

Hiroki Sakai

List of Publications by Year in descending order

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114
papers

1,139
citations

471509

17
h-index

526287

27
g-index

114
all docs

114
docs citations

114
times ranked

1131
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of Vascular Endothelial Growth Factor, Basic Fibroblast Growth Factor, and Their Receptors (Flt-1, Flk-1, and Flg-1) in Canine Vascular Tumors. <i>Veterinary Pathology</i> , 2006, 43, 971-980.	1.7	75
2	The Class A Macrophage Scavenger Receptor CD204 is a Useful Immunohistochemical Marker of Canine Histiocytic Sarcoma. <i>Journal of Comparative Pathology</i> , 2013, 148, 188-196.	0.4	63
3	Constitutive phosphorylation of the mTORC2/Akt/4E-BP1 pathway in newly derived canine hemangiosarcoma cell lines. <i>BMC Veterinary Research</i> , 2012, 8, 128.	1.9	46
4	Clinicopathological Study of Canine Oral Epulides.. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 897-902.	0.9	42
5	Proliferative Activity of Canine Mast Cell Tumours Evaluated by Bromodeoxyuridine Incorporation and Ki-67 Expression. <i>Journal of Comparative Pathology</i> , 2002, 127, 233-238.	0.4	40
6	Circulating microRNA-214 and -126 as potential biomarkers for canine neoplastic disease. <i>Scientific Reports</i> , 2017, 7, 2301.	3.3	35
7	MicroRNA-214 and MicroRNA-126 Are Potential Biomarkers for Malignant Endothelial Proliferative Diseases. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25377-25391.	4.1	33
8	The Significance of p53 and Retinoblastoma Pathways in Canine Hemangiosarcoma. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 271-278.	0.9	31
9	MicroRNA-214 Promotes Apoptosis in Canine Hemangiosarcoma by Targeting the COP1-p53 Axis. <i>PLoS ONE</i> , 2015, 10, e0137361.	2.5	30
10	Establishment of canine hemangiosarcoma xenograft models expressing endothelial growth factors, their receptors, and angiogenesis-associated homeobox genes. <i>BMC Cancer</i> , 2009, 9, 363.	2.6	29
11	Role of p53 in the Progression from Ochratoxin A-Induced DNA Damage to Gene Mutations in the Kidneys of Mice. <i>Toxicological Sciences</i> , 2015, 144, 65-76.	3.1	29
12	B-cell intestinal lymphoma with Mott cell differentiation in a 1-year-old miniature Dachshund. <i>Veterinary Clinical Pathology</i> , 2008, 37, 409-415.	0.7	27
13	Programmed Cell Death Ligand 1 Expression in Canine Cancer. <i>In Vivo</i> , 2016, 30, 195-204.	1.3	27
14	Expression of the Anti-apoptotic Factors Bcl-2 and Survivin in Canine Vascular Tumours. <i>Journal of Comparative Pathology</i> , 2008, 139, 1-7.	0.4	26
15	Hexosaminidase-altered Aberrant Crypts, Carrying Decreased Hexosaminidase $\hat{1}$ and $\hat{2}$ Subunit mRNAs, in Colon of 1,2-Dimethylhydrazine-treated Rats. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 109-118.	1.7	25
16	Accumulation and aggregate formation of mutant superoxide dismutase 1 in canine degenerative myelopathy. <i>Neuroscience</i> , 2015, 303, 229-240.	2.3	23
17	Petasin potently inhibits mitochondrial complex I-based metabolism that supports tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	19
18	GALLBLADDER ADENOCARCINOMAS IN TWO CAPTIVE AFRICAN LIONS (PANTHERA LEO). <i>Journal of Zoo and Wildlife Medicine</i> , 2003, 34, 302-306.	0.6	18

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19	Detection of Antibodies against <i>Pasteurella multocida</i> Using Immunohistochemical Staining in an Outbreak of Rabbit Pasteurellosis.. <i>Journal of Veterinary Medical Science</i> , 2001, 63, 171-174.	0.9	17
20	Differential Effects of Partial Hepatectomy and Carbon Tetrachloride Administration on Induction of Liver Cell Foci in a Model for Detection of Initiation Activity. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 1018-1025.	1.7	17
21	Localization of a mutant SOD1 protein in E40K-heterozygous dogs: Implications for non-cell-autonomous pathogenesis of degenerative myelopathy. <i>Journal of the Neurological Sciences</i> , 2017, 372, 369-378.	0.6	15
22	Medullary raphe nuclei activate the lumbosacral defecation center through the descending serotonergic pathway to regulate colorectal motility in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G341-G348.	3.4	15
23	<i>Sarcocystis chloropusae</i> (protozoa: Sarcocystidae) n. sp. from the common moorhen (<i>Gallinula chloropus</i>) from Egypt. <i>Parasitology</i> , 2015, 142, 1063-1065.	1.5	14
24	Three-dimensional conformal radiation therapy for inoperable massive hepatocellular carcinoma in six dogs. <i>Journal of Small Animal Practice</i> , 2015, 56, 441-445.	1.2	14
25	Expression of platelet-derived growth factor and its receptors in spontaneous canine hemangiosarcoma and cutaneous hemangioma. <i>Histology and Histopathology</i> , 2012, 27, 601-7.	0.7	14
26	Ganglioneuroma in the Urinary Bladder of a Dog. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 801-803.	0.9	13
27	Metastatic diagnosis of canine sternal lymph nodes using computed tomography characteristics: A retrospective cross-sectional study. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 140-147.	1.8	13
28	Brazilian green propolis suppresses acetaminophen-induced hepatocellular necrosis by modulating inflammation-related factors in rats. <i>Journal of Toxicologic Pathology</i> , 2018, 31, 275-282.	0.7	13
29	Characterization of Spontaneous Malignant Lymphomas in Japanese Macaques (<i>Macaca fuscata</i>). <i>Veterinary Pathology</i> , 2015, 52, 566-572.	1.7	12
30	Analysis of genomic mutation and immunohistochemistry of platelet-derived growth factor receptors in canine vascular tumours. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 237-245.	1.8	12
31	Survival analysis in dogs with urinary transitional cell carcinoma that underwent whole-body computed tomography at diagnosis. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 385-393.	1.8	12
32	Overexpression of Peroxiredoxin 6 Protects Neoplastic Cells against Apoptosis in Canine Haemangiosarcoma. <i>Journal of Comparative Pathology</i> , 2016, 155, 29-39.	0.4	11
33	Effects of food restriction on the expression of genes related to acetaminophen-induced liver toxicity in rats. <i>Journal of Toxicologic Pathology</i> , 2018, 31, 267-274.	0.7	11
34	Roles of the noradrenergic nucleus locus coeruleus and dopaminergic nucleus A11 region as supraspinal defecation centers in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G545-G555.	3.4	11
35	Bilateral giant myelolipoma in the adrenal of a cotton-top tamarin (<i>Saguinus oedipus</i>). <i>Journal of Medical Primatology</i> , 1996, 25, 309-312.	0.6	10
36	Immunohistochemical features of proliferative marker and basement membrane components of two feline inductive odontogenic tumours. <i>Journal of Feline Medicine and Surgery</i> , 2008, 10, 296-299.	1.6	10

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37	Histopathological and Immunohistochemical Features of Atypical Epithelial Tumours of the Gland of the Third Eyelid in Seven Dogs. <i>Journal of Comparative Pathology</i> , 2015, 152, 299-303.	0.4	10
38	Plasma microRNA miR-26b as a potential diagnostic biomarker of degenerative myelopathy in Pembroke welsh corgis. <i>BMC Veterinary Research</i> , 2019, 15, 192.	1.9	10
39	Tenovin-6 induces the SIRT-independent cell growth suppression and blocks autophagy flux in canine hemangiosarcoma cell lines. <i>Experimental Cell Research</i> , 2020, 388, 111810.	2.6	10
40	Familial adenomatous polyposis in dogs: hereditary gastrointestinal polyposis in Jack Russell Terriers with germline APC mutations. <i>Carcinogenesis</i> , 2021, 42, 70-79.	2.8	10
41	Immunohistochemical Detection of Urokinase Plasminogen Activator and Urokinase Plasminogen Activator Receptor in Canine Vascular Endothelial Tumours. <i>Journal of Comparative Pathology</i> , 2015, 153, 278-282.	0.4	9
42	Hypofractionated radiation therapy in the treatment of canine thymoma: Retrospective study of eight cases. <i>Veterinary Radiology and Ultrasound</i> , 2017, 58, 613-620.	0.9	9
43	<i>In vitro</i> anticancer effects of alpelisib against PIK3CA-mutated canine hemangiosarcoma cell lines. <i>Oncology Reports</i> , 2022, 47, .	2.6	9
44	Expression of Cyclin Kinase Inhibitor p27Kip1 in Skin Tumours of Dogs. <i>Journal of Comparative Pathology</i> , 2001, 125, 153-158.	0.4	8
45	Cytologically atypical anal sac adenocarcinoma in a dog. <i>Veterinary Clinical Pathology</i> , 2012, 41, 291-294.	0.7	8
46	Immunocytochemical detection of the class A macrophage scavenger receptor CD204 using air-dried cytologic smears of canine histiocytic sarcoma. <i>Veterinary Clinical Pathology</i> , 2014, 43, 589-593.	0.7	8
47	A case of pulmonary toxoplasmosis resembling multiple lung metastases of nasal lymphoma in a cat receiving chemotherapy. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1881-1886.	0.9	8
48	Evaluation of Cell Proliferation in Canine Tumors by the Bromodeoxyuridine Labeling Method, Immunostaining of Ki-67 Antigen and Proliferating Cell Nuclear Antigen. <i>Journal of Toxicologic Pathology</i> , 2006, 19, 123-127.	0.7	8
49	Effects of inhibitors of vascular endothelial growth factor receptor 2 and downstream pathways of receptor tyrosine kinases involving phosphatidylinositol 3-kinase/Akt/mammalian target of rapamycin or mitogen-activated protein kinase in canine hemangiosarcoma cell lines. <i>Canadian Journal of Veterinary Research</i> , 2016, 80, 209-16.	0.2	8
50	Establishment of a New Canine Cell Line (CCT) Originated from a Cutaneous Malignant Histiocytosis. <i>Journal of Veterinary Medical Science</i> , 2003, 65, 731-735.	0.9	7
51	Ganglioneuroma in the Small Intestine of a Juvenile Pig. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1501-1504.	0.9	7
52	Ameliorating effects of garlic, calcium, and vitamin C on chronic lead toxicity in albino rats. <i>Comparative Clinical Pathology</i> , 2014, 23, 1215-1223.	0.7	7
53	B-cell lymphoma with Mott cell differentiation in a cat. <i>Veterinary Clinical Pathology</i> , 2016, 45, 356-360.	0.7	7
54	Short-Term Administration of Single-Agent Toceranib in Six Cases of Inoperable Massive Canine Hepatocellular Carcinoma. <i>Journal of the American Animal Hospital Association</i> , 2019, 55, 35-41.	1.1	7

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55	Activation of the unfolded protein response in canine degenerative myelopathy. <i>Neuroscience Letters</i> , 2018, 687, 216-222.	2.1	6
56	Up-regulated inflammatory signatures of the spinal cord in canine degenerative myelopathy. <i>Research in Veterinary Science</i> , 2021, 135, 442-449.	1.9	6
57	Activation of matrix metalloproteinase (MMP)-2 by membrane type 1-MMP and abnormal immunolocalization of the basement membrane components laminin and type IV collagen in canine spontaneous hemangiosarcomas. <i>Histology and Histopathology</i> , 2009, 24, 437-46.	0.7	6
58	Arteriosclerosis associated with a natural Marek's disease infection in a Japanese bantam (<i>Gallus</i>). <i>Journal of Veterinary Medical Science</i> , 2000, 72, 107-110.	2.0	5
59	Molecular cloning of canine Wilms's tumor 1 for immunohistochemical analysis in canine tissues. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1272-1277.	0.9	5
60	Lingual ganglioneuroma in a dog. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 488-491.	0.9	5
61	Tumour necrosis factor- α -related apoptosis-inducing ligand induces apoptosis in canine hemangiosarcoma cells in vitro. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 285-297.	1.8	5
62	Development of synthetic microRNA-214 showing enhanced cytotoxicity and RNase resistance for treatment of canine hemangiosarcoma. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 570-579.	1.8	5
63	Parapoxvirus infection in wild Japanese Serow: A possibility of infection from wild serow to sheep. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2002, 7, 39-43.	0.2	5
64	Rhabdomyosarcoma in a Ferret (<i>Mustela putorius furo</i>). <i>Journal of Veterinary Medical Science</i> , 2004, 66, 95-96.	0.9	4
65	Cutaneous histiocytic sarcoma with E-cadherin expression in a Pembroke Welsh Corgi dog. <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 589-595.	1.1	4
66	Combination Chlorambucil/Firocoxib or Chlorambucil/Prednisolone Treatment for Inflammatory Colorectal Polyps in Miniature Dachshunds. <i>Journal of the American Animal Hospital Association</i> , 2018, 54, 161-166.	1.1	4
67	Rapid detection of pathogenic virus genome sequence from throat and nasal swab samples using an exhaustive gene amplification method. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 399-403.	1.4	4
68	Intracranial ectopic choroid plexus cyst in a dog. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 365-368.	0.9	4
69	The Effects of D-galactosamine- or Carbon Tetrachloride-Induced Regeneration on Induction of Rat Liver Cell Foci in a Model for Detection of Initiation Activities of Chemicals. <i>Journal of Toxicologic Pathology</i> , 2002, 15, 13-18.	0.7	4
70	Tongue Carcinogenic Susceptibility of p53 Deficient Mice to Methyl- <i>N</i> -nitrosamine. <i>Journal of Toxicologic Pathology</i> , 2002, 15, 209-214.	0.7	4
71	Calcinosis Circumscripta in a Malayan Box Turtle (<i>Cuora amboinensis kamaroma</i>). <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2002, 7, 149-152.	0.2	4
72	Advanced gastric carcinoma in a de Brazza's guenon (<i>Cercopithecus neglectus</i>). <i>Journal of Medical Primatology</i> , 1997, 26, 257-259.	0.6	3

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73	Detection of Antibodies against <i>Actinobacillus pleuropneumoniae</i> Serotypes 1,2,5 and 7 Using the Immunohistochemical Staining.. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 713-716.	0.9	3
74	Development of a photoreactive probe-based system for detecting heparin. <i>Analytical Biochemistry</i> , 2015, 472, 1-6.	2.4	3
75	Hepatocellular carcinoma with intracranial metastasis in a Japanese macaque (<i>Macaca fuscata</i>). <i>Journal of Medical Primatology</i> , 2017, 46, 93-100.	0.6	3
76	Basal cell adenocarcinoma in the gland of the third eyelid of a brown bear (<i>Ursus</i>). <i>Journal of Veterinary Medical Science</i> , 2015, 87, 1010-1013.	0.9	3
77	A case of prostate B-cell lymphoma recognized in the contents of an irreducible perineal hernia in a dog. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 784-789.	0.9	3
78	A retrospective analysis on the outcome of 18 dogs with malignant ovarian tumours. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 442-450.	1.8	3
79	PCR-based genotyping assays to detect germline APC variant associated with hereditary gastrointestinal polyposis in Jack Russell terriers. <i>BMC Veterinary Research</i> , 2021, 17, 32.	1.9	3
80	Avipoxvirus infection in two captive Japanese cormorants (<i>Phalacrocorax capillatus</i>). <i>Journal of Veterinary Medical Science</i> , 2020, 82, 817-822.	0.9	3
81	Feline Infectious Peritonitis in a Manul (<i>Felis manul</i>). <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 1998, 3, 53-58.	0.2	2
82	Disseminated Protothecosis in a Cape Hyrax (<i>Procavia capensis</i>). <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2003, 8, 121-125.	0.2	2
83	Characterization of a novel canine T-cell line established from a dog with cutaneous T-cell lymphoma. <i>Journal of Dermatological Science</i> , 2017, 88, 254-256.	1.9	2
84	Primary malignant peripheral nerve sheath tumors arising from the spinal canal invading the abdominal cavity in a dog. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 452-456.	0.9	2
85	Squamous Cell Carcinoma in a Canadian Lynx (<i>Lynx canadensis</i>). <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2002, 7, 153-156.	0.2	2
86	Intraperitoneal administration of synthetic microRNA-214 elicits tumor suppression in an intraperitoneal dissemination mouse model of canine hemangiosarcoma. <i>Veterinary Research Communications</i> , 2022, 46, 447-457.	1.6	2
87	Immunohistochemical analysis of CD146 expression in canine skin tumours. <i>Histology and Histopathology</i> , 2016, 31, 453-9.	0.7	2
88	Lung Carcinoma in a Clouded Leopard (<i>Neofelis nebulosa</i>). <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 1996, 1, 45-48.	0.2	1
89	Destructive Cholangitis in an Adult Jack Russell Terrier. <i>Case Reports in Veterinary Medicine</i> , 2012, 2012, 1-3.	0.2	1
90	Regulation of longitudinal esophageal motility in the house musk shrew (<i>Suncus murinus</i>). <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 189, 37-42.	2.8	1

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91	Cardiac ganglioneuroma in a juvenile pig. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 117-119.	0.9	1
92	Therapeutic potential of endothelin inhibitors in canine hemangiosarcoma. <i>Life Sciences</i> , 2016, 159, 55-60.	4.3	1
93	Phenotypic analysis of mice xenografted with canine epitheliotropic cutaneous T-cell lymphoma cells. <i>Veterinary Dermatology</i> , 2018, 29, 517.	1.2	1
94	Trimer form of tumor necrosis factor-related apoptosis inducing ligand induces apoptosis in canine cell lines derived from mammary tumors. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1791-1803.	0.9	1
95	T-cell/Histiocyte-rich Large B-cell Lymphoma of the Larynx in a Juvenile Japanese Macaque (<i>Macaca</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	0.4	1
96	Up-regulated spinal microRNAs induce aggregation of superoxide dismutase 1 protein in canine degenerative myelopathy. <i>Research in Veterinary Science</i> , 2021, 135, 479-485.	1.9	1
97	Three-dimensional conformal radiation therapy for canine aortic body tumour: 6 cases (2014-2019). <i>Journal of Small Animal Practice</i> , 2021, 62, 385-390.	1.2	1
98	Detection of granzyme B in CD3-positive cells infiltrated in lesional skin of a dog with erythema multiforme associated with zonisamide. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1559-1562.	0.9	1
99	Expression of DEP Domain-Containing 1B in Canine Lymphoma and Other Types of Canine Tumours. <i>Journal of Comparative Pathology</i> , 2021, 185, 55-65.	0.4	1
100	Amyloid-Producing Odontogenic Tumor in a Cat. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2009, 62, 645-647.	0.1	1
101	What is your diagnosis? Subcutaneous mass on the head of a dog. <i>Veterinary Clinical Pathology</i> , 2021, ,	0.7	1
102	Tumors in Zoo Animals. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2002, 7, 45-51.	0.2	1
103	Retroperitoneal Fibromatosis in a Cynomolgus Monkey (<i>Macaca fascicularis</i>). <i>Journal of Toxicologic Pathology</i> , 2003, 16, 117-121.	0.7	1
104	Hepatic neuroendocrine carcinoma in a Japanese macaque (<i>Macaca fuscata</i>). <i>Journal of Medical Primatology</i> , 2019, 48, 137-140.	0.6	0
105	Gastric Carcinogenesis and Intestinalization Induced by N-methyl-N-nitrosourea in the Senescence-Accelerated Mouse(SAMP3).. <i>Journal of Toxicologic Pathology</i> , 2003, 16, 33-39.	0.7	0
106	A Bottlenose Dolphin (<i>Tursiops truncatus</i>) Died of Severe Purulent Pneumonia. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2005, 10, 111-115.	0.2	0
107	Outcome of Chemoradiotherapy using Orthovoltage X-ray for Canine Intranasal Tumors. <i>Japanese Journal of Veterinary Anesthesia & Surgery</i> , 2012, 43, 41-45.	0.1	0
108	Giant Hypertrophic Gastritis in a Dog Treated with Surgical Resection. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2012, 65, 57-60.	0.1	0

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109	Canine Conservative Tooth Operation for Odontogenic Keratocyst in a Dog. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2013, 66, 411-414.	0.1	0

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