

Peter Dickinson

List of Publications by Year in descending order

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63
papers

2,671
citations

159525

30
h-index

197736

49
g-index

65
all docs

65
docs citations

65
times ranked

2098
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance Imaging and Histological Classification of Intracranial Meningiomas in 112 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 586-595.	0.6	149
2	Glioblastoma Multiforme: Clinical Findings, Magnetic Resonance Imaging, and Pathology in Five Dogs. <i>Veterinary Pathology</i> , 2003, 40, 659-669.	0.8	132
3	Localization of Canine Brachycephaly Using an Across Breed Mapping Approach. <i>PLoS ONE</i> , 2010, 5, e9632.	1.1	101
4	MAGNETIC RESONANCE IMAGING FEATURES OF CANINE INTRACRANIAL NEOPLASIA. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, S52-61.	0.4	100
5	Choroid Plexus Tumors in 56 Dogs (1985–2007). <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 1157-1165.	0.6	95
6	Canine spontaneous glioma: A translational model system for convection-enhanced delivery. <i>Neuro-Oncology</i> , 2010, 12, 928-940.	0.6	93
7	<i>FGF4</i> retrogene on CFA12 is responsible for chondrodystrophy and intervertebral disc disease in dogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11476-11481.	3.3	92
8	Detection of infusate leakage in the brain using real-time imaging of convection-enhanced delivery. <i>Journal of Neurosurgery</i> , 2008, 109, 874-880.	0.9	91
9	Canine model of convection-enhanced delivery of liposomes containing CPT-11 monitored with real-time magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2008, 108, 989-998.	0.9	85
10	Clinical Signs, Magnetic Resonance Imaging Features, and Outcome After Surgical and Medical Treatment of Otogenic Intracranial Infection in 11 Cats and 4 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 648-656.	0.6	84
11	Spontaneous canine gliomas: overexpression of EGFR, PDGFR α and IGFBP2 demonstrated by tissue microarray immunophenotyping. <i>Journal of Neuro-Oncology</i> , 2010, 98, 49-55.	1.4	83
12	Advances in Diagnostic and Treatment Modalities for Intracranial Tumors. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 1165-1185.	0.6	75
13	Creation of an NCI comparative brain tumor consortium: informing the translation of new knowledge from canine to human brain tumor patients. <i>Neuro-Oncology</i> , 2016, 18, 1209-1218.	0.6	75
14	Expression of receptor tyrosine kinases VEGFR-1 (FLT-1), VEGFR-2 (KDR), EGFR-1, PDGFR α and c-Met in canine primary brain tumours. <i>Veterinary and Comparative Oncology</i> , 2006, 4, 132-140.	0.8	74
15	“Putting our heads together”: insights into genomic conservation between human and canine intracranial tumors. <i>Journal of Neuro-Oncology</i> , 2009, 94, 333-349.	1.4	71
16	Whole genome variant association across 100 dogs identifies a frame shift mutation in DISHEVELLED 2 which contributes to Robinow-like syndrome in Bulldogs and related screw tail dog breeds. <i>PLoS Genetics</i> , 2018, 14, e1007850.	1.5	61
17	Antiviral treatment using the adenosine nucleoside analogue GS441524 in cats with clinically diagnosed neurological feline infectious peritonitis. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 1587-1593.	0.6	61
18	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020, 37, 243-257.e7.	7.7	59

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19	Canine Intraspinal Meningiomas: Imaging Features, Histopathologic Classification, and Long-Term Outcome in 34 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 946-953.	0.6	58
20	Retrospective Analysis of Spinal Arachnoid Cysts in 14 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2002, 16, 690-696.	0.6	55
21	Utilizing the Dog Genome in the Search for Novel Candidate Genes Involved in Glioma Development—Genome Wide Association Mapping followed by Targeted Massive Parallel Sequencing Identifies a Strongly Associated Locus. <i>PLoS Genetics</i> , 2016, 12, e1006000.	1.5	54
22	Vascular Endothelial Growth Factor mRNA Expression and Peritumoral Edema in Canine Primary Central Nervous System Tumors. <i>Veterinary Pathology</i> , 2008, 45, 131-139.	0.8	47
23	Muscle and nerve biopsy. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2002, 32, 63-102.	0.5	45
24	Clinical and Pathologic Features of Oligodendrogliomas in Two Cats. <i>Veterinary Pathology</i> , 2000, 37, 160-167.	0.8	41
25	Nanomedicine for Spontaneous Brain Tumors: A Companion Clinical Trial. <i>ACS Nano</i> , 2019, 13, 2858-2869.	7.3	41
26	New Agents for Targeting of IL-13RA2 Expressed in Primary Human and Canine Brain Tumors. <i>PLoS ONE</i> , 2013, 8, e77719.	1.1	40
27	Microarray Analysis of Differentially Expressed Genes of Primary Tumors in the Canine Central Nervous System. <i>Veterinary Pathology</i> , 2005, 42, 550-558.	0.8	38
28	Muscular dystrophy associated with β -dystroglycan deficiency in Sphynx and Devon Rex cats. <i>Neuromuscular Disorders</i> , 2008, 18, 942-952.	0.3	36
29	<i>p53</i> Mutations in Canine Brain Tumors. <i>Veterinary Pathology</i> , 2012, 49, 796-801.	0.8	34
30	Molecular signalling pathways in canine gliomas. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 133-150.	0.8	34
31	Phenotypic Effects of FGF4 Retrogenes on Intervertebral Disc Disease in Dogs. <i>Genes</i> , 2019, 10, 435.	1.0	33
32	<i>COLQ</i> variant associated with Devon Rex and Sphynx feline hereditary myopathy. <i>Animal Genetics</i> , 2015, 46, 711-715.	0.6	32
33	Feline neuromuscular disorders. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2004, 34, 1307-1359.	0.5	31
34	Chromosomal Aberrations in Canine Gliomas Define Candidate Genes and Common Pathways in Dogs and Humans. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 700-710.	0.9	31
35	Characteristics of cisternal cerebrospinal fluid associated with intracranial meningiomas in dogs: 56 cases (1985–2004). <i>Journal of the American Veterinary Medical Association</i> , 2006, 228, 564-567.	0.2	30
36	ANATOMIC COMPRESSION CAUSED BY HIGH-VOLUME CONVECTION-ENHANCED DELIVERY TO THE BRAIN. <i>Neurosurgery</i> , 2009, 65, 579-586.	0.6	30

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37	Current Understanding of the Genetics of Intervertebral Disc Degeneration. <i>Frontiers in Veterinary Science</i> , 2020, 7, 431.	0.9	28
38	Canine Nervous System Lymphoma Subtypes Display Characteristic Neuroanatomical Patterns. <i>Veterinary Pathology</i> , 2017, 54, 53-60.	0.8	26
39	Expression of the Tumor Suppressor Genes <i>NF2</i> , <i>4.1B</i> , and <i>TSLC1</i> in Canine Meningiomas. <i>Veterinary Pathology</i> , 2009, 46, 884-892.	0.8	22
40	Intracranial pressure monitoring in normal dogs using subdural and intraparenchymal miniature strain-gauge transducers. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 708-716.	0.6	21
41	Phase I trial of convection-enhanced delivery of IL13RA2 and EPHA2 receptor targeted cytotoxins in dogs with spontaneous intracranial gliomas. <i>Neuro-Oncology</i> , 2021, 23, 422-434.	0.6	21
42	Congenital Myasthenia Gravis in Smooth-Haired Miniature Dachshund Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 920-923.	0.6	19
43	A Missense Mutation in the Vacuolar Protein Sorting 11 (<i>VPS11</i>) Gene Is Associated with Neuroaxonal Dystrophy in Rottweiler Dogs. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2773-2780.	0.8	19
44	Expression and targeting of transcription factor <i>ATF5</i> in dog gliomas. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 102-107.	0.8	15
45	Clinicopathological characteristics of histiocytic sarcoma affecting the central nervous system in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 828-837.	0.6	15
46	Quantitative Assessment of Blood Volume and Permeability in Cerebral Mass Lesions using Dynamic Contrast-Enhanced Computed Tomography in the Dog. <i>Academic Radiology</i> , 2009, 16, 1187-1195.	1.3	14
47	MAGNETIC RESONANCE IMAGING FEATURES OF INTRACRANIAL GRANULAR CELL TUMORS IN SIX DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 271-277.	0.4	14
48	Electrophysiologic Confirmation of Heterogenous Motor Polyneuropathy in Young Cats. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 1789-1798.	0.6	14
49	Immunohistochemical Characterization of Procaspace-3 Overexpression as a Druggable Target With PAC-1, a Procaspace-3 Activator, in Canine and Human Brain Cancers. <i>Frontiers in Oncology</i> , 2019, 9, 96.	1.3	14
50	Rapid Inverse Planning for Pressure-Driven Drug Infusions in the Brain. <i>PLoS ONE</i> , 2013, 8, e56397.	1.1	13
51	Pathologic Features of the Intervertebral Disc in Young Nova Scotia Duck Tolling Retrievers Confirms Chondrodystrophy Degenerative Phenotype Associated With Genotype. <i>Veterinary Pathology</i> , 2019, 56, 895-902.	0.8	13
52	Assessment of the neurologic effects of dietary deficiencies of phenylalanine and tyrosine in cats. <i>American Journal of Veterinary Research</i> , 2004, 65, 671-680.	0.3	12
53	Multiple FGF4 Retrocopies Recently Derived within Canids. <i>Genes</i> , 2020, 11, 839.	1.0	12
54	Glioma-associated microglia/macrophages augment tumorigenicity in canine astrocytoma, a naturally occurring model of human glioma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab062.	0.4	10

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55	Congenital myasthenia gravis in Smooth-Haired Miniature Dachshund dogs. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 920-3.	0.6	10
56	The Effects of FGF4 Retrogenes on Canine Morphology. <i>Genes</i> , 2022, 13, 325.	1.0	7
57	Abrogation of fluid suppression in intracranial postcontrast fluid-attenuated inversion recovery magnetic resonance imaging: A clinical and phantom study. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 432-443.	0.4	6
58	Comparative Cytogenetic Analysis of Dog and Human Choroid Plexus Tumors Defines Syntenic Regions of Genomic Loss. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 413-419.	0.9	4
59	Coronavirus Infection of the Central Nervous System: Animal Models in the Time of COVID-19. <i>Frontiers in Veterinary Science</i> , 2020, 7, 584673.	0.9	3
60	A Missense Variant in ALDH5A1 Associated with Canine Succinic Semialdehyde Dehydrogenase Deficiency (SSADHD) in the Saluki Dog. <i>Genes</i> , 2020, 11, 1033.	1.0	3
61	Serum phosphorylated neurofilament heavy chain as a diagnostic biomarker for progressive myelomalacia in dogs with thoracolumbar intervertebral disc herniation. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2366-2373.	0.6	3
62	GENE-57. COMPARATIVE MOLECULAR LIFE HISTORY OF SPONTANEOUS CANINE AND HUMAN GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi110-vi110.	0.6	0
63	Expression and therapeutic targeting of BMI1 in canine gliomas. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 871-880.	0.8	0