

Andrew D Miller

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,655
citations

394421

19
h-index

214800

47
g-index

85
all docs

85
docs citations

85
times ranked

5940
citing authors

#	ARTICLE	IF	CITATIONS
1	Granular variant of a histiocytic tumor on the toe of a cat: Case report and literature review. <i>Veterinary Clinical Pathology</i> , 2023, 52, 102-107.	0.7	1
2	Outbreak of feline infectious peritonitis (FIP) in shelter-housed cats: molecular analysis of the feline coronavirus S1/S2 cleavage site consistent with a "circulating virulent" avirulent theory of FIP pathogenesis. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2022, 8, 205511692210742.	0.2	12
3	Primary nervous system lymphoma in cats. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 712-717.	1.1	6
4	Relationship between histological tumor margins and magnetic resonance imaging signal intensities in brain neoplasia of dogs. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 1039-1048.	1.6	4
5	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2022, 259, 1-5.	0.5	0
6	Bilateral Plaque-Like White Matter Degeneration in Cerebral Septal Regions of a Chapman's Zebra (<i>Equus quagga chapmani</i>). <i>Journal of Comparative Pathology</i> , 2022, 194, 54-57.	0.4	0
7	OLIG2 immunolabeling in feline ependymoma. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 898-901.	1.1	3
8	SOX2 Expression in Canine Neoplasia. <i>Veterinary Pathology</i> , 2021, 58, 964-970.	1.7	7
9	A Review of Proliferative Vascular Disorders of the Central Nervous System of Animals. <i>Veterinary Pathology</i> , 2021, 58, 864-880.	1.7	16
10	In vivo detection of microstructural spinal cord lesions in dogs with degenerative myelopathy using diffusion tensor imaging. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 352-362.	1.6	7
11	Review of Histological Grading Systems in Veterinary Medicine. <i>Veterinary Pathology</i> , 2021, 58, 809-828.	1.7	40
12	Targeting Cancer Stem Cells with Differentiation Agents as an Alternative to Genotoxic Chemotherapy for the Treatment of Malignant Testicular Germ Cell Tumors. <i>Cancers</i> , 2021, 13, 2045.	3.7	5
13	Osteogenesis Imperfecta in Two Finnish Lapphund Puppies. <i>Veterinary Medicine: Research and Reports</i> , 2021, Volume 12, 177-185.	0.6	0
14	Immunohistochemical evaluation of immune cell infiltration in canine gliomas. <i>Veterinary Pathology</i> , 2021, 58, 952-963.	1.7	13
15	International Guidelines for Veterinary Tumor Pathology: A Call to Action. <i>Veterinary Pathology</i> , 2021, 58, 766-794.	1.7	22
16	Pathology of the Bearded Dragon (<i>Pogona vitticeps</i>): a Retrospective Analysis of 36 Cases. <i>Journal of Comparative Pathology</i> , 2021, 186, 51-61.	0.4	2
17	Special focus on diagnostic veterinary oncologic pathology. <i>Veterinary Pathology</i> , 2021, 58, 764-765.	1.7	0
18	Increased tocopherol metabolism in horses with equine neuroaxonal dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2473-2485.	1.6	7

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19	Early Failure of a Polyvinyl Alcohol Hydrogel Implant With Osteolysis and Foreign Body Reactions in an Ovine Model of Cartilage Repair. <i>American Journal of Sports Medicine</i> , 2021, 49, 3395-3403.	4.2	2
20	Comparative transcriptional profiling of canine acanthomatous ameloblastoma and homology with human ameloblastoma. <i>Scientific Reports</i> , 2021, 11, 17792.	3.3	6
21	Canine Gliomatosis Cerebri: Morphologic and Immunohistochemical Characterization Is Supportive of Glial Histogenesis. <i>Veterinary Pathology</i> , 2021, 58, 293-304.	1.7	3
22	Treatment of a poorly differentiated sarcoma in the oropharynx of a horse. <i>Equine Veterinary Education</i> , 2020, 32, O15.	0.6	0
23	Gastric squamous-columnar junction contains a large pool of cancer-prone immature osteopontin responsive Lgr5 ⁺ CD44 ⁺ cells. <i>Nature Communications</i> , 2020, 11, 84.	12.8	15
24	Vascular Disease and Thrombosis in SARS-CoV-2-Infected Rhesus Macaques. <i>Cell</i> , 2020, 183, 1354-1366.e13.	28.9	184
25	Feline infectious peritonitis virus-associated rhinitis in a cat. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2020, 6, 205511692093058.	0.2	9
26	Glioneuronal Hamartomas in the Central Nervous System of Two Goats. <i>Journal of Comparative Pathology</i> , 2020, 178, 10-15.	0.4	2
27	Editorial: Advances in the Pathogenesis of Canine Neurologic Disease. <i>Frontiers in Veterinary Science</i> , 2020, 7, 623.	2.2	0
28	Atrophy and Death of Nonpeptidergic and Peptidergic Nociceptive Neurons in SIV Infection. <i>American Journal of Pathology</i> , 2020, 190, 1530-1544.	3.8	3
29	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , 2020, 369, 812-817.	12.6	789
30	Chromatin run-on sequencing analysis finds that ECM remodeling plays an important role in canine hemangiosarcoma pathogenesis. <i>BMC Veterinary Research</i> , 2020, 16, 206.	1.9	4
31	Pathology of larvae and adults in dogs and cats. <i>Advances in Parasitology</i> , 2020, 109, 537-544.	3.2	9
32	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020, 37, 243-257.e7.	16.8	59
33	Genome-Wide Association Study and Subsequent Exclusion of ATCAY as a Candidate Gene Involved in Equine Neuroaxonal Dystrophy Using Two Animal Models. <i>Genes</i> , 2020, 11, 82.	2.4	4
34	Evaluation of canonical Hedgehog signaling pathway inhibition in canine osteosarcoma. <i>PLoS ONE</i> , 2020, 15, e0231762.	2.5	5
35	A nonsense variant in Rap Guanine Nucleotide Exchange Factor 5 (RAPGEF5) is associated with equine familial isolated hypoparathyroidism in Thoroughbred foals. <i>PLoS Genetics</i> , 2020, 16, e1009028.	3.5	6
36	Microphthalmia With Multiple Anterior Segment Defects in Portuguese Water Dogs. <i>Veterinary Pathology</i> , 2019, 56, 269-273.	1.7	11

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37	Clinicopathologic Features, Diagnosis, and Characterization of the Immune Cell Population in Canine Choroid Plexus Tumors. <i>Frontiers in Veterinary Science</i> , 2019, 6, 224.	2.2	11
38	Serum Cobalamin and Folate Concentrations in Common Marmosets (<i>Callithrix jacchus</i>) with Chronic Lymphocytic Enteritis. <i>Comparative Medicine</i> , 2019, 69, 135-143.	1.0	10
39	Conditional loss of ERK1 and ERK2 results in abnormal placentation and delayed parturition in the mouse. <i>Scientific Reports</i> , 2019, 9, 9641.	3.3	8
40	Distinct mutation in the feline coronavirus spike protein cleavage activation site in a cat with feline infectious peritonitis-associated meningoencephalomyelitis. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2019, 5, 205511691985610.	0.2	24
41	Canine Ependymoma: Diagnostic Criteria and Common Pitfalls. <i>Veterinary Pathology</i> , 2019, 56, 860-867.	1.7	11
42	Suppression of Zika Virus Infection in the Brain by the Antiretroviral Drug Rilpivirine. <i>Molecular Therapy</i> , 2019, 27, 2067-2079.	8.2	20
43	TGR5 Protects Against Colitis in Mice, but Vertical Sleeve Gastrectomy Increases Colitis Severity. <i>Obesity Surgery</i> , 2019, 29, 1593-1601.	2.1	15
44	Neuroborreliosis in a horse with common variable immunodeficiency. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 241-245.	1.1	13
45	Schwannosis in Three Foals and a Calf. <i>Veterinary Pathology</i> , 2019, 56, 783-788.	1.7	6
46	Correlation of MRI with the Neuropathologic Changes in Two Cats with Bromethalin Intoxication. <i>Journal of the American Animal Hospital Association</i> , 2019, 55, e55302.	1.1	2
47	CD73 Promotes Glioblastoma Pathogenesis and Enhances Its Chemoresistance via Adenosine Receptor Signaling. <i>Journal of Neuroscience</i> , 2019, 39, 4387-4402.	3.6	64
48	Canine Primary Intracranial Cancer: A Clinicopathologic and Comparative Review of Glioma, Meningioma, and Choroid Plexus Tumors. <i>Frontiers in Oncology</i> , 2019, 9, 1151.	2.8	63
49	Microtubule-Associated Protein 2 Expression in Canine Glioma. <i>Frontiers in Veterinary Science</i> , 2019, 6, 395.	2.2	5
50	The effect of the transition period and postpartum body weight loss on macrophage infiltrates in bovine subcutaneous adipose tissue. <i>Journal of Dairy Science</i> , 2019, 102, 1693-1701.	3.4	15
51	Sex- and Age-Specific Impact of ERK Loss Within the Pituitary Gonadotrope in Mice. <i>Endocrinology</i> , 2018, 159, 1264-1276.	2.8	12
52	An innate immune response and altered nuclear receptor activation defines the spinal cord transcriptome during alpha-tocopherol deficiency in Ttpa-null mice. <i>Free Radical Biology and Medicine</i> , 2018, 120, 289-302.	2.9	18
53	Stem Cell Pathology. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2018, 13, 71-92.	22.4	15
54	A Revised Diagnostic Classification of Canine Glioma: Towards Validation of the Canine Glioma Patient as a Naturally Occurring Preclinical Model for Human Glioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 1039-1054.	1.7	105

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55	Lipid peroxidation biomarkers for evaluating oxidative stress in equine neuroaxonal dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1740-1747.	1.6	16
56	Liver macrophage-associated inflammation correlates with SIV burden and is substantially reduced following cART. <i>PLoS Pathogens</i> , 2018, 14, e1006871.	4.7	23
57	Feline glioma: a retrospective study and review of the literature. <i>Journal of Feline Medicine and Surgery</i> , 2017, 19, 1307-1314.	1.6	22
58	Canine spinal cord glioma. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 126-132.	1.1	12
59	Use of a Piglet Model for the Study of Anesthetic-induced Developmental Neurotoxicity (AIDN): A Translational Neuroscience Approach. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	7
60	An oral form of methylglyoxal-bis-guanylhydrazone reduces monocyte activation and traffic to the dorsal root ganglia in a primate model of HIV-peripheral neuropathy. <i>Journal of NeuroVirology</i> , 2017, 23, 568-576.	2.1	6
61	Pulmonary hyalinosis in captive sugar gliders (<i>Petaurus breviceps</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 691-695.	1.1	3
62	Naturally Acquired Canine Herpesvirus-Associated Meningoencephalitis. <i>Veterinary Pathology</i> , 2017, 54, 820-827.	1.7	7
63	Pigment retinopathy in warmblood horses with equine degenerative myeloencephalopathy and equine motor neuron disease. <i>Veterinary Ophthalmology</i> , 2017, 20, 304-309.	1.0	15
64	RNA-seq transcriptome analysis of formalin fixed, paraffin-embedded canine meningioma. <i>PLoS ONE</i> , 2017, 12, e0187150.	2.5	14
65	Kir7.1 immunoreactivity in canine choroid plexus tumors. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 464-468.	1.1	12
66	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.	1.2	75
67	Î±4-Integrin Antibody Treatment Blocks Monocyte/Macrophage Traffic to, Vascular Cell Adhesion Molecule-1 Expression in, and Pathology of the Dorsal Root Ganglia in an SIV Macaque Model of HIV-Peripheral Neuropathy. <i>American Journal of Pathology</i> , 2016, 186, 1754-1761.	3.8	18
68	A novel, clinically relevant use of a piglet model to study the effects of anesthetics on the developing brain. <i>Clinical and Translational Medicine</i> , 2016, 5, 2.	4.0	14
69	SIV Infection-Mediated Changes in Gastrointestinal Bacterial Microbiome and Virome Are Associated with Immunodeficiency and Prevented by Vaccination. <i>Cell Host and Microbe</i> , 2016, 19, 323-335.	11.0	78
70	Joint dysfunction and functional decline in middle age myostatin null mice. <i>Bone</i> , 2016, 83, 141-148.	2.9	4
71	Uterine Rupture in a Common Marmoset (<i>Callithrix jacchus</i>). <i>Comparative Medicine</i> , 2016, 66, 254-8.	1.0	2
72	Loss of intraepidermal nerve fiber density during SIV peripheral neuropathy is mediated by monocyte activation and elevated monocyte chemotactic proteins. <i>Journal of Neuroinflammation</i> , 2015, 12, 237.	7.2	19

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73	Characteristics and Survival of 121 Cats Undergoing Excision of Intracranial Meningiomas (1994–2011). <i>Veterinary Surgery</i> , 2015, 44, 772-776.	1.0	34
74	Anti- α 4 Integrin Antibody Blocks Monocyte/Macrophage Traffic to the Heart and Decreases Cardiac Pathology in a SIV Infection Model of AIDS. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	22
75	Comprehensive models of human primary and metastatic colorectal tumors in immunodeficient and immunocompetent mice by chemokine targeting. <i>Nature Biotechnology</i> , 2015, 33, 656-660.	17.5	30
76	Biogeography of the Intestinal Mucosal and Lumenal Microbiome in the Rhesus Macaque. <i>Cell Host and Microbe</i> , 2015, 17, 385-391.	11.0	273
77	Monocyte Traffic, Dorsal Root Ganglion Histopathology, and Loss of Intraepidermal Nerve Fiber Density in SIV Peripheral Neuropathy. <i>American Journal of Pathology</i> , 2015, 185, 1912-1923.	3.8	35
78	Anti- α 4 Antibody Treatment Blocks Virus Traffic to the Brain and Gut Early, and Stabilizes CNS Injury Late in Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004533.	4.7	57
79	Spontaneous fatal <i>Human herpesvirus 1</i> encephalitis in two domestic rabbits (<i>Oryctolagus</i>) Tj ETQq1 1 0,784314 rgBT /Overd	1.1	8
80	Animal models of HIV peripheral neuropathy. <i>Future Virology</i> , 2014, 9, 465-474.	1.8	15
81	Feline spinal cord gliomas. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 513-520.	1.1	23
82	Identification of Novel Genetic Risk Loci in Maltese Dogs with Necrotizing Meningoencephalitis and Evidence of a Shared Genetic Risk across Toy Dog Breeds. <i>PLoS ONE</i> , 2014, 9, e112755.	2.5	27
83	Dorsal Root Ganglia Damage in SIV-Infected Rhesus Macaques. <i>American Journal of Pathology</i> , 2012, 180, 1362-1369.	3.8	27
84	ERK Signaling in the Pituitary Is Required for Female But Not Male Fertility. <i>Molecular Endocrinology</i> , 2009, 23, 1092-1101.	3.7	79
85	Embryonal Rhabdomyosarcoma in a Young Maine Coon Cat. <i>Journal of the American Animal Hospital Association</i> , 2009, 45, 43-47.	1.1	5