

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	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , 2020, 369, 812-817.	12.6	789
2	Biogeography of the Intestinal Mucosal and Luminal Microbiome in the Rhesus Macaque. <i>Cell Host and Microbe</i> , 2015, 17, 385-391.	11.0	273
3	Vascular Disease and Thrombosis in SARS-CoV-2-Infected Rhesus Macaques. <i>Cell</i> , 2020, 183, 1354-1366.e13.	28.9	184
4	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
5	ERK Signaling in the Pituitary Is Required for Female But Not Male Fertility. <i>Molecular Endocrinology</i> , 2009, 23, 1092-1101.	3.7	79
6	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
7	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
8	CD73 Promotes Glioblastoma Pathogenesis and Enhances Its Chemoresistance via Adenosine Receptor Signaling. <i>Journal of Neuroscience</i> , 2019, 39, 4387-4402.	3.6	64
9	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
10	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020, 37, 243-257.e7.	16.8	59
11	Anti- β 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
12	Review of Histological Grading Systems in Veterinary Medicine. <i>Veterinary Pathology</i> , 2021, 58, 809-828.	1.7	40
13	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
14	Characteristics and Survival of 121 Cats Undergoing Excision of Intracranial Meningiomas (1994-2011). <i>Veterinary Surgery</i> , 2015, 44, 772-776.	1.0	34
15	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
16	Dorsal Root Ganglia Damage in SIV-Infected Rhesus Macaques. <i>American Journal of Pathology</i> , 2012, 180, 1362-1369.	3.8	27
17	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
18	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

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19	Feline spinal cord gliomas. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 513-520.	1.1	23
20	Liver macrophage-associated inflammation correlates with SIV burden and is substantially reduced following cART. <i>PLoS Pathogens</i> , 2018, 14, e1006871.	4.7	23
21	Anti- $\alpha 4$ 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
22	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
23	International Guidelines for Veterinary Tumor Pathology: A Call to Action. <i>Veterinary Pathology</i> , 2021, 58, 766-794.	1.7	22
24	Suppression of Zika Virus Infection in the Brain by the Antiretroviral Drug Rilpivirine. <i>Molecular Therapy</i> , 2019, 27, 2067-2079.	8.2	20
25	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
26	$\alpha 4$ -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
27	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
28	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
29	A Review of Proliferative Vascular Disorders of the Central Nervous System of Animals. <i>Veterinary Pathology</i> , 2021, 58, 864-880.	1.7	16
30	Animal models of HIV peripheral neuropathy. <i>Future Virology</i> , 2014, 9, 465-474.	1.8	15
31	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
32	Stem Cell Pathology. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2018, 13, 71-92.	22.4	15
33	TGR5 Protects Against Colitis in Mice, but Vertical Sleeve Gastrectomy Increases Colitis Severity. <i>Obesity Surgery</i> , 2019, 29, 1593-1601.	2.1	15
34	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
35	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
36	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

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37	RNA-seq transcriptome analysis of formalin fixed, paraffin-embedded canine meningioma. PLoS ONE, 2017, 12, e0187150.	2.5	14
38	Neuroborreliosis in a horse with common variable immunodeficiency. Journal of Veterinary Diagnostic Investigation, 2019, 31, 241-245.	1.1	13
39	Immunohistochemical evaluation of immune cell infiltration in canine gliomas. Veterinary Pathology, 2021, 58, 952-963.	1.7	13
40	Kir7.1 immunoreactivity in canine choroid plexus tumors. Journal of Veterinary Diagnostic Investigation, 2016, 28, 464-468.	1.1	12
41	Canine spinal cord glioma. Journal of Veterinary Diagnostic Investigation, 2017, 29, 126-132.	1.1	12
42	Sex- and Age-Specific Impact of ERK Loss Within the Pituitary Gonadotrope in Mice. Endocrinology, 2018, 159, 1264-1276.	2.8	12
43	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. Journal of Feline Medicine and Surgery Open Reports, 2022, 8, 205511692210742.	0.2	12
44	Microphthalmia With Multiple Anterior Segment Defects in Portuguese Water Dogs. Veterinary Pathology, 2019, 56, 269-273.	1.7	11
45	Clinicopathologic Features, Diagnosis, and Characterization of the Immune Cell Population in Canine Choroid Plexus Tumors. Frontiers in Veterinary Science, 2019, 6, 224.	2.2	11
46	Canine Ependymoma: Diagnostic Criteria and Common Pitfalls. Veterinary Pathology, 2019, 56, 860-867.	1.7	11
47	Serum Cobalamin and Folate Concentrations in Common Marmosets (<i>Callithrix jacchus</i>) with Chronic Lymphocytic Enteritis. Comparative Medicine, 2019, 69, 135-143.	1.0	10
48	Feline infectious peritonitis virus-associated rhinitis in a cat. Journal of Feline Medicine and Surgery Open Reports, 2020, 6, 205511692093058.	0.2	9
49	Pathology of larvae and adults in dogs and cats. Advances in Parasitology, 2020, 109, 537-544.	3.2	9
50	Spontaneous fatal Human herpesvirus 1 encephalitis in two domestic rabbits (<i>Oryctolagus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF	1.1	8
51	Conditional loss of ERK1 and ERK2 results in abnormal placentation and delayed parturition in the mouse. Scientific Reports, 2019, 9, 9641.	3.3	8
52	Use of a Piglet Model for the Study of Anesthetic-induced Developmental Neurotoxicity (AIDN): A Translational Neuroscience Approach. Journal of Visualized Experiments, 2017, , .	0.3	7
53	Naturally Acquired Canine Herpesvirus-Associated Meningoencephalitis. Veterinary Pathology, 2017, 54, 820-827.	1.7	7
54	SOX2 Expression in Canine Neoplasia. Veterinary Pathology, 2021, 58, 964-970.	1.7	7

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55	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
56	Increased α -tocopherol metabolism in horses with equine neuroaxonal dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2473-2485.	1.6	7
57	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
58	Schwannosis in Three Foals and a Calf. <i>Veterinary Pathology</i> , 2019, 56, 783-788.	1.7	6
59	Comparative transcriptional profiling of canine acanthomatous ameloblastoma and homology with human ameloblastoma. <i>Scientific Reports</i> , 2021, 11, 17792.	3.3	6
60	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
61	Primary nervous system lymphoma in cats. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 712-717.	1.1	6
62	Embryonal Rhabdomyosarcoma in a Young Maine Coon Cat. <i>Journal of the American Animal Hospital Association</i> , 2009, 45, 43-47.	1.1	5
63	Microtubule-Associated Protein 2 Expression in Canine Glioma. <i>Frontiers in Veterinary Science</i> , 2019, 6, 395.	2.2	5
64	Evaluation of canonical Hedgehog signaling pathway inhibition in canine osteosarcoma. <i>PLoS ONE</i> , 2020, 15, e0231762.	2.5	5
65	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
66	Joint dysfunction and functional decline in middle age myostatin null mice. <i>Bone</i> , 2016, 83, 141-148.	2.9	4
67	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
68	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
69	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
70	Pulmonary hyalinosis in captive sugar gliders (<i>Petaurus breviceps</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 691-695.	1.1	3
71	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
72	Canine Gliomatosis Cerebri: Morphologic and Immunohistochemical Characterization Is Supportive of Glial Histogenesis. <i>Veterinary Pathology</i> , 2021, 58, 293-304.	1.7	3

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73	OLIG2 immunolabeling in feline ependymoma. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, 34, 898-901.	1.1	3
74	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
75	Clioneuronal Hamartomas in the Central Nervous System of Two Goats. <i>Journal of Comparative Pathology</i> , 2020, 178, 10-15.	0.4	2
76	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
77	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
78	Uterine Rupture in a Common Marmoset (<i>Callithrix jacchus</i>). <i>Comparative Medicine</i> , 2016, 66, 254-8.	1.0	2
79	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
80	Treatment of a poorly differentiated sarcoma in the oropharynx of a horse. <i>Equine Veterinary Education</i> , 2020, 32, O15.	0.6	0
81	Editorial: Advances in the Pathogenesis of Canine Neurologic Disease. <i>Frontiers in Veterinary Science</i> , 2020, 7, 623.	2.2	0
82	Osteogenesis Imperfecta in Two Finnish Lapphund Puppies. <i>Veterinary Medicine: Research and Reports</i> , 2021, Volume 12, 177-185.	0.6	0
83	Special focus on diagnostic veterinary oncologic pathology. <i>Veterinary Pathology</i> , 2021, 58, 764-765.	1.7	0
84	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2022, 259, 1-5.	0.5	0
85	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