

Michael W Miller

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

4,773
citations

40
h-index

69
g-index

72
ext. papers

5,186
ext. citations

5.5
avg, IF

5.14
L-index

#	Paper	IF	Citations
72	Apparent stability masks underlying change in a mule deer herd with unmanaged chronic wasting disease.. <i>Communications Biology</i> , 2022 , 5, 15	6.7	
71	Mountain Lions (<i>Puma concolor</i>) Resist Long-Term Dietary Exposure To Chronic Wasting Disease. <i>Journal of Wildlife Diseases</i> , 2021 ,	1.3	1
70	THE RELATIONSHIP BETWEEN HARVEST MANAGEMENT AND CHRONIC WASTING DISEASE PREVALENCE TRENDS IN WESTERN MULE DEER (<i>ODOCOILEUS HEMIONUS</i>) HERDS. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 831-843	1.3	5
69	OPPORTUNISTIC SURVEILLANCE OF CAPTIVE AND FREE-RANGING BIGHORN SHEEP (<i>OVIS CANADENSIS</i>) IN COLORADO, USA, FOR TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 338-344	1.3	3
68	Detection of chronic wasting disease in mule and white-tailed deer by RT-QuIC analysis of outer ear. <i>Scientific Reports</i> , 2021 , 11, 7702	4.9	11
67	Inferring Chronic Wasting Disease Incidence from Prevalence Data. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 718-721	1.3	2
66	Reduction of Chronic Wasting Disease Prion Seeding Activity following Digestion by Mountain Lions. <i>MSphere</i> , 2021 , e0081221	5	1
65	HUNTING PRESSURE MODULATES PRION INFECTION RISK IN MULE DEER HERDS. <i>Journal of Wildlife Diseases</i> , 2020 , 56, 781-790	1.3	15
64	CATTLE (<i>BOS TAURUS</i>) RESIST CHRONIC WASTING DISEASE FOLLOWING ORAL INOCULATION CHALLENGE OR TEN YEARS' NATURAL EXPOSURE IN CONTAMINATED ENVIRONMENTS. <i>Journal of Wildlife Diseases</i> , 2018 , 54, 460-470	1.3	8
63	EVALUATION OF A TEST AND CULL STRATEGY FOR REDUCING PREVALENCE OF CHRONIC WASTING DISEASE IN MULE DEER (<i>ODOCOILEUS HEMIONUS</i>). <i>Journal of Wildlife Diseases</i> , 2018 , 54, 511-519	1.3	13
62	Scientific opinion on chronic wasting disease (II). <i>EFSA Journal</i> , 2018 , 16, e05132	2.3	11
61	Chronic wasting disease (CWD) in cervids. <i>EFSA Journal</i> , 2017 , 15, e04667	2.3	19
60	Clay Components in Soil Dictate Environmental Stability and Bioavailability of Cervid Prions in Mice. <i>Frontiers in Microbiology</i> , 2016 , 7, 1885	5.7	10
59	Concordance in diagnostic testing for respiratory pathogens of bighorn sheep. <i>Wildlife Society Bulletin</i> , 2016 , 40, 634-642	1.4	7
58	AGE AND REPEATED BIOPSY INFLUENCE ANTEMORTEM PRP(CWD) TESTING IN MULE DEER (<i>ODOCOILEUS HEMIONUS</i>) IN COLORADO, USA. <i>Journal of Wildlife Diseases</i> , 2015 , 51, 801-10	1.3	15
57	Bayesian Modeling of Prion Disease Dynamics in Mule Deer Using Population Monitoring and Capture-Recapture Data. <i>PLoS ONE</i> , 2015 , 10, e0140687	3.7	14
56	Novel combinations of nalbuphine and medetomidine for wildlife immobilization. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 951-6	1.3	14

55	"Atypical" chronic wasting disease in PRNP genotype 225FF mule deer. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 660-5	1.3	26
54	Phylogenetic and epidemiologic relationships among Pasteurellaceae from Colorado bighorn sheep herds. <i>Journal of Wildlife Diseases</i> , 2013 , 49, 653-60	1.3	14
53	Genetic predictions of prion disease susceptibility in carnivore species based on variability of the prion gene coding region. <i>PLoS ONE</i> , 2012 , 7, e50623	3.7	28
52	Salivary prions in sheep and deer. <i>Prion</i> , 2012 , 6, 52-61	2.3	38
51	Assessment of prospective preventive therapies for chronic wasting disease in mule deer. <i>Journal of Wildlife Diseases</i> , 2012 , 48, 530-3	1.3	12
50	The role of predation in disease control: a comparison of selective and nonselective removal on prion disease dynamics in deer. <i>Journal of Wildlife Diseases</i> , 2011 , 47, 78-93	1.3	44
49	Soil clay content underlies prion infection odds. <i>Nature Communications</i> , 2011 , 2, 200	17.4	44
48	Mountain lions prey selectively on prion-infected mule deer. <i>Biology Letters</i> , 2010 , 6, 209-11	3.6	57
47	Linking process to pattern: estimating spatiotemporal dynamics of a wildlife epidemic from cross-sectional data. <i>Ecological Monographs</i> , 2010 , 80, 221-240	9	61
46	Estimating chronic wasting disease effects on mule deer recruitment and population growth. <i>Journal of Wildlife Diseases</i> , 2010 , 46, 1086-95	1.3	24
45	Transmission of scrapie and sheep-passaged bovine spongiform encephalopathy prions to transgenic mice expressing elk prion protein. <i>Journal of General Virology</i> , 2009 , 90, 1035-1047	4.9	32
44	Asymptomatic deer excrete infectious prions in faeces. <i>Nature</i> , 2009 , 461, 529-32	50.4	200
43	PrP genotypes of free-ranging wapiti (<i>Cervus elaphus nelsoni</i>) with chronic wasting disease. <i>Journal of General Virology</i> , 2008 , 89, 1324-1328	4.9	43
42	Lions and prions and deer demise. <i>PLoS ONE</i> , 2008 , 3, e4019	3.7	76
41	Chronic Wasting Disease of Cervid Species 2008 , 430-cp1		1
40	Levels of abnormal prion protein in deer and elk with chronic wasting disease. <i>Emerging Infectious Diseases</i> , 2007 , 13, 824-30	10.2	32
39	Resistance to chronic wasting disease in transgenic mice expressing a naturally occurring allelic variant of deer prion protein. <i>Journal of Virology</i> , 2007 , 81, 4533-9	6.6	66
38	A meta-BACI approach for evaluating management intervention on chronic wasting disease in mule deer 2007 , 17, 140-53		45

37	Test for detection of disease-associated prion aggregate in the blood of infected but asymptomatic animals. <i>Vaccine Journal</i> , 2007 , 14, 36-43		34
36	PrPCWD in rectal lymphoid tissue of deer (<i>Odocoileus</i> spp.). <i>Journal of General Virology</i> , 2007 , 88, 2078-2082	4.9	52
35	Infectious prions in the saliva and blood of deer with chronic wasting disease. <i>Science</i> , 2006 , 314, 133-6	33.3	376
34	Transmission of elk and deer prions to transgenic mice. <i>Journal of Virology</i> , 2006 , 80, 9104-14	6.6	148
33	Inhibition of protease-resistant prion protein formation in a transformed deer cell line infected with chronic wasting disease. <i>Journal of Virology</i> , 2006 , 80, 596-604	6.6	58
32	Patterns of PrPCWD accumulation during the course of chronic wasting disease infection in orally inoculated mule deer (<i>Odocoileus hemionus</i>). <i>Journal of General Virology</i> , 2006 , 87, 3451-3461	4.9	125
31	Human prion disease and relative risk associated with chronic wasting disease. <i>Emerging Infectious Diseases</i> , 2006 , 12, 1527-35	10.2	49
30	Linking chronic wasting disease to mule deer movement scales: a hierarchical Bayesian approach 2006 , 16, 1026-36		53
29	Dynamics of prion disease transmission in mule deer 2006 , 16, 2208-14		90
28	HUMAN LAND USE INFLUENCES CHRONIC WASTING DISEASE PREVALENCE IN MULE DEER 2005 , 15, 119-126		55
27	Experimental transmission of chronic wasting disease agent from mule deer to cattle by the intracerebral route. <i>Journal of Veterinary Diagnostic Investigation</i> , 2005 , 17, 276-81	1.5	78
26	Relative vulnerability of chronic wasting disease infected mule deer to vehicle collisions. <i>Journal of Wildlife Diseases</i> , 2005 , 41, 503-11	1.3	36
25	Epidemiology of chronic wasting disease in free-ranging mule deer: spatial, temporal, and demographic influences on observed prevalence patterns. <i>Journal of Wildlife Diseases</i> , 2005 , 41, 275-90	1.3	111
24	Low frequency of PrP genotype 225SF among free-ranging mule deer (<i>Odocoileus hemionus</i>) with chronic wasting disease. <i>Journal of General Virology</i> , 2005 , 86, 2127-2134	4.9	111
23	Environmental sources of prion transmission in mule deer. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1003-6	10.2	332
22	Chronic wasting disease and potential transmission to humans. <i>Emerging Infectious Diseases</i> , 2004 , 10, 977-84	10.2	166
21	Epidemiology of chronic wasting disease in captive white-tailed and mule deer. <i>Journal of Wildlife Diseases</i> , 2004 , 40, 320-7	1.3	33
20	MOVEMENT PATTERNS AND SPATIAL EPIDEMIOLOGY OF A PRION DISEASE IN MULE DEER POPULATION UNITS 2004 , 14, 1870-1881		71

19	Feasibility of Best-and-cull for managing chronic wasting disease in urban mule deer. <i>Wildlife Society Bulletin</i> , 2004 , 32, 500-505	1.4	35
18	Transmission of prions from mule deer and elk with chronic wasting disease to transgenic mice expressing cervid PrP. <i>Journal of Virology</i> , 2004 , 78, 13345-50	6.6	151
17	A processed pseudogene contributes to apparent mule deer prion gene heterogeneity. <i>Gene</i> , 2004 , 326, 167-73	3.8	42
16	Prion disease: horizontal prion transmission in mule deer. <i>Nature</i> , 2003 , 425, 35-6	50.4	224
15	Survey of cattle in northeast Colorado for evidence of chronic wasting disease: geographical and high-risk targeted sample. <i>Journal of Veterinary Diagnostic Investigation</i> , 2003 , 15, 274-7	1.5	17
14	Field validation and assessment of an enzyme-linked immunosorbent assay for detecting chronic wasting disease in mule deer (<i>Odocoileus hemionus</i>), white-tailed deer (<i>Odocoileus virginianus</i>), and Rocky Mountain elk (<i>Cervus elaphus nelsoni</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 2003 , 15, 311-9	1.5	69
13	Other animal prion diseases. <i>British Medical Bulletin</i> , 2003 , 66, 199-212	5.4	71
12	Chronic Wasting Disease of Deer and Elk: A Review with Recommendations for Management. <i>Journal of Wildlife Management</i> , 2002 , 66, 551	1.9	187
11	Evaluation of Antemortem Sampling to Estimate Chronic Wasting Disease Prevalence in Free-Ranging Mule Deer. <i>Journal of Wildlife Management</i> , 2002 , 66, 564	1.9	46
10	PrP(CWD) lymphoid cell targets in early and advanced chronic wasting disease of mule deer. <i>Journal of General Virology</i> , 2002 , 83, 2617-2628	4.9	60
9	Preclinical diagnosis of chronic wasting disease in captive mule deer (<i>Odocoileus hemionus</i>) and white-tailed deer (<i>Odocoileus virginianus</i>) using tonsillar biopsy. <i>Journal of General Virology</i> , 2002 , 83, 2629-2634	4.9	55
8	Chronic Wasting Disease in Mule Deer: Disease Dynamics and Control. <i>Journal of Wildlife Management</i> , 2001 , 65, 205	1.9	90
7	Preliminary findings on the experimental transmission of chronic wasting disease agent of mule deer to cattle. <i>Journal of Veterinary Diagnostic Investigation</i> , 2001 , 13, 91-6	1.5	60
6	PrP(CWD) in the myenteric plexus, vagosympathetic trunk and endocrine glands of deer with chronic wasting disease. <i>Journal of General Virology</i> , 2001 , 82, 2327-2334	4.9	106
5	Detection of bias in harvest-based estimates of chronic wasting disease prevalence in mule deer. <i>Journal of Wildlife Diseases</i> , 2000 , 36, 691-9	1.3	44
4	Epizootiology of chronic wasting disease in free-ranging cervids in Colorado and Wyoming. <i>Journal of Wildlife Diseases</i> , 2000 , 36, 676-90	1.3	203
3	Oral transmission and early lymphoid tropism of chronic wasting disease PrPres in mule deer fawns (<i>Odocoileus hemionus</i>). <i>Journal of General Virology</i> , 1999 , 80 (Pt 10), 2757-2764	4.9	234
2	Epidemiology of chronic wasting disease in captive Rocky Mountain elk. <i>Journal of Wildlife Diseases</i> , 1998 , 34, 532-8	1.3	97

1 Transmissible Spongiform Encephalopathies 292-301

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