

Michael W Miller

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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	Infectious prions in the saliva and blood of deer with chronic wasting disease. <i>Science</i> , 2006 , 314, 133-6	33.3	376
71	Environmental sources of prion transmission in mule deer. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1003-6	10.2	332
70	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
69	Prion disease: horizontal prion transmission in mule deer. <i>Nature</i> , 2003 , 425, 35-6	50.4	224
68	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
67	Asymptomatic deer excrete infectious prions in faeces. <i>Nature</i> , 2009 , 461, 529-32	50.4	200
66	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
65	Chronic wasting disease and potential transmission to humans. <i>Emerging Infectious Diseases</i> , 2004 , 10, 977-84	10.2	166
64	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
63	Transmission of elk and deer prions to transgenic mice. <i>Journal of Virology</i> , 2006 , 80, 9104-14	6.6	148
62	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
61	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
60	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
59	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
58	Epidemiology of chronic wasting disease in captive Rocky Mountain elk. <i>Journal of Wildlife Diseases</i> , 1998 , 34, 532-8	1.3	97
57	Dynamics of prion disease transmission in mule deer 2006 , 16, 2208-14		90
56	Chronic Wasting Disease in Mule Deer: Disease Dynamics and Control. <i>Journal of Wildlife Management</i> , 2001 , 65, 205	1.9	90

55	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
54	Lions and prions and deer demise. <i>PLoS ONE</i> , 2008 , 3, e4019	3.7	76
53	MOVEMENT PATTERNS AND SPATIAL EPIDEMIOLOGY OF A PRION DISEASE IN MULE DEER POPULATION UNITS 2004 , 14, 1870-1881		71
52	Other animal prion diseases. <i>British Medical Bulletin</i> , 2003 , 66, 199-212	5.4	71
51	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
50	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
49	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
48	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
47	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
46	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
45	Mountain lions prey selectively on prion-infected mule deer. <i>Biology Letters</i> , 2010 , 6, 209-11	3.6	57
44	HUMAN LAND USE INFLUENCES CHRONIC WASTING DISEASE PREVALENCE IN MULE DEER 2005 , 15, 119-126		55
43	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
42	Linking chronic wasting disease to mule deer movement scales: a hierarchical Bayesian approach 2006 , 16, 1026-36		53
41	PrPCWD in rectal lymphoid tissue of deer (<i>Odocoileus</i> spp.). <i>Journal of General Virology</i> , 2007 , 88, 2078-2082	4.9	52
40	Human prion disease and relative risk associated with chronic wasting disease. <i>Emerging Infectious Diseases</i> , 2006 , 12, 1527-35	10.2	49
39	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
38	A meta-BACI approach for evaluating management intervention on chronic wasting disease in mule deer 2007 , 17, 140-53		45

37	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
36	Soil clay content underlies prion infection odds. <i>Nature Communications</i> , 2011 , 2, 200	17.4	44
35	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
34	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
33	A processed pseudogene contributes to apparent mule deer prion gene heterogeneity. <i>Gene</i> , 2004 , 326, 167-73	3.8	42
32	Salivary prions in sheep and deer. <i>Prion</i> , 2012 , 6, 52-61	2.3	38
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	"Atypical" chronic wasting disease in PRNP genotype 225FF mule deer. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 660-5	1.3	26
23	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
22	Chronic wasting disease (CWD) in cervids. <i>EFSA Journal</i> , 2017 , 15, e04667	2.3	19
21	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
20	AGE AND REPEATED BIOPSY INFLUENCE ANTEMORTEM PRP(CWD) TESTING IN MULE DEER (ODOCOILEUS HEMIONUS) IN COLORADO, USA. <i>Journal of Wildlife Diseases</i> , 2015 , 51, 801-10	1.3	15

19	HUNTING PRESSURE MODULATES PRION INFECTION RISK IN MULE DEER HERDS. <i>Journal of Wildlife Diseases</i> , 2020 , 56, 781-790	1.3	15
18	Novel combinations of nalbuphine and medetomidine for wildlife immobilization. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 951-6	1.3	14
17	Phylogenetic and epidemiologic relationships among Pasteurellaceae from Colorado bighorn sheep herds. <i>Journal of Wildlife Diseases</i> , 2013 , 49, 653-60	1.3	14
16	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
15	EVALUATION OF A TEST AND CULL STRATEGY FOR REDUCING PREVALENCE OF CHRONIC WASTING DISEASE IN MULE DEER (ODOCOILEUS HEMIONUS). <i>Journal of Wildlife Diseases</i> , 2018 , 54, 511-519	1.3	13
14	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
13	Transmissible Spongiform Encephalopathies 292-301		12
12	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
11	Scientific opinion on chronic wasting disease (II). <i>EFSA Journal</i> , 2018 , 16, e05132	2.3	11
10	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
9	CATTLE (BOS TAURUS) 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
8	Concordance in diagnostic testing for respiratory pathogens of bighorn sheep. <i>Wildlife Society Bulletin</i> , 2016 , 40, 634-642	1.4	7
7	THE RELATIONSHIP BETWEEN HARVEST MANAGEMENT AND CHRONIC WASTING DISEASE PREVALENCE TRENDS IN WESTERN MULE DEER (ODOCOILEUS HEMIONUS) HERDS. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 831-843	1.3	5
6	OPPORTUNISTIC SURVEILLANCE OF CAPTIVE AND FREE-RANGING BIGHORN SHEEP (OVIS CANADENSIS) IN COLORADO, USA, FOR TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 338-344	1.3	3
5	Inferring Chronic Wasting Disease Incidence from Prevalence Data. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 718-721	1.3	2
4	Mountain Lions (Puma concolor) Resist Long-Term Dietary Exposure To Chronic Wasting Disease. <i>Journal of Wildlife Diseases</i> , 2021 ,	1.3	1
3	Chronic Wasting Disease of Cervid Species 2008 , 430-cp1		1
2	Reduction of Chronic Wasting Disease Prion Seeding Activity following Digestion by Mountain Lions. <i>MSphere</i> , 2021 , e0081221	5	1

- 1 Apparent stability masks underlying change in a mule deer herd with unmanaged chronic wasting disease.. *Communications Biology*, **2022**, 5, 15

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