Mitchell V Palmer

List of Publications by Year in Descending Order

203 papers	4,900 citations	41 h-index	57 g-index
207 ext. papers	5,724 ext. citations	2.6 avg, IF	5.62 L-index

#	Paper	IF	Citations
203	Comparative study of antibacterial activity and stability of D-enantiomeric and L-enantiomeric bovine NK-lysin peptide NK2A.. *Biochemical and Biophysical Research Communications*, **2022**, 595, 76-81	3.4	
202	From Deer-to-Deer: SARS-CoV-2 is efficiently transmitted and presents broad tissue tropism and replication sites in white-tailed deer.. *PLoS Pathogens*, **2022**, 18, e1010197	7.6	4
201	Potential for improved detection of bovine tuberculosis by targeting combined blood biomarkers in multi-test algorithms.. *Veterinary Immunology and Immunopathology*, **2022**, 248, 110419	2	0
200	Experimental Inoculation of Young Calves with SARS-CoV-2. *Viruses*, **2021**, 13,	6.2	12
199	Susceptibility of white-tailed deer () to SARS-CoV-2. *Journal of Virology*, **2021**,	6.6	84
198	Heterogeneity of Pulmonary Granulomas in Cattle Experimentally Infected With. *Frontiers in Veterinary Science*, **2021**, 8, 671460	3.1	3
197	Mucosal IFN□production and potential role in protection in Escherichia coli O157:H7 vaccinated and challenged cattle. *Scientific Reports*, **2021**, 11, 9769	4.9	1
196	Genome Sequences of Mycobacterium tuberculosis Biovar bovis Strains Ravenel and 10-7428. *Microbiology Resource Announcements*, **2021**, 10, e0041121	1.3	0
195	Distribution and persistence of atypical porcine pestivirus in experimentally inoculated pigs. *Journal of Veterinary Diagnostic Investigation*, **2021**, 33, 952-955	1.5	1
194	Intravenous, Intratracheal, and Intranasal Inoculation of Swine with SARS-CoV-2. *Viruses*, **2021**, 13,	6.2	3
193	Comparative cellular immune responses in calves after infection with Mycobacterium avium subsp. paratuberculosis, M. avium subsp. avium, M. kansasii and M. bovis. *Veterinary Immunology and Immunopathology*, **2021**, 237, 110268	2	
192	Enhanced Detection of -Specific T Cells in Experimentally-Infected Cattle. *Frontiers in Veterinary Science*, **2021**, 8, 676710	3.1	0
191	Protection against Mycoplasma bovis infection in calves following intranasal vaccination with modified-live Mannheimia haemolytica expressing Mycoplasma antigens. *Microbial Pathogenesis*, **2021**, 161, 105159	3.8	1
190	Use of blood matrices and alternative biological fluids for antibody detection in animal tuberculosis. *Veterinary Immunology and Immunopathology*, **2021**, 239, 110303	2	0
189	Novel polyprotein antigens designed for improved serodiagnosis of bovine tuberculosis. *Veterinary Immunology and Immunopathology*, **2021**, 240, 110320	2	0
188	Transcriptional Profiling of Early and Late Phases of Bovine Tuberculosis.. *Infection and Immunity*, **2021**, IAI0031321	3.7	0
187	Vaccination of white-tailed deer (Odocoileus virginianus) with Mycobacterium bovis bacille Calmette-Guﬀin (BCG) results in positive tuberculin skin test results in a dose-dependent fashion. *Research in Veterinary Science*, **2020**, 129, 70-73	2.5	3

186	Evaluation of A Baculovirus-Expressed VP2 Subunit Vaccine for the Protection of White-Tailed Deer () from Epizootic Hemorrhagic Disease. *Vaccines*, **2020**, 8,	5.3	2
185	Severity of bovine tuberculosis is associated with innate immune-biased transcriptional signatures of whole blood in early weeks after experimental Mycobacterium bovis infection. *PLoS ONE*, **2020**, 15, e0239938	3.7	3
184	Biomarkers of cell-mediated immunity to bovine tuberculosis. *Veterinary Immunology and Immunopathology*, **2020**, 220, 109988	2	16
183	Mycobacterium bovis and you: A comprehensive look at the bacteria, its similarities to Mycobacterium tuberculosis, and its relationship with human disease. *Tuberculosis*, **2020**, 125, 102006	2.6	3
182	Changes in circulating lymphocytes and lymphoid tissue associated with vaccination of colostrum deprived calves. *Vaccine*, **2020**, 38, 7268-7277	4.1	1
181	Case report: characterization of a persistent, treatment-resistant, novel Staphylococcus aureus infection causing chronic mastitis in a Holstein dairy cow. *BMC Veterinary Research*, **2020**, 16, 336	2.7	3
180	Case Report: Fading Elk Syndrome in a Herd of Captive Elk () in the North American Midwest. *Frontiers in Veterinary Science*, **2020**, 7, 497	3.1	1
179	Severity of bovine tuberculosis is associated with innate immune-biased transcriptional signatures of whole blood in early weeks after experimental Mycobacterium bovis infection **2020**, 15, e0239938		
178	Severity of bovine tuberculosis is associated with innate immune-biased transcriptional signatures of whole blood in early weeks after experimental Mycobacterium bovis infection **2020**, 15, e0239938		
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174	Severity of bovine tuberculosis is associated with innate immune-biased transcriptional signatures of whole blood in early weeks after experimental Mycobacterium bovis infection **2020**, 15, e0239938		
173	Characteristics of subclinical ssp. infection in a captive white-tailed deer herd. *Journal of Veterinary Diagnostic Investigation*, **2019**, 31, 844-851	1.5	3
172	Utility of the Neonatal Calf Model for Testing Vaccines and Intervention Strategies for Use against Human RSV Infection. *Vaccines*, **2019**, 7,	5.3	11
171	Research with Agricultural Animals and Wildlife. *ILAR Journal*, **2019**, 60, 66-73	1.7	5
170	Early Pulmonary Lesions in Cattle Infected via Aerosolized. *Veterinary Pathology*, **2019**, 56, 544-554	2.8	13
169	Characterization of T Cell Effector/Memory Subsets Based on CD27 and CD45R Expression in Response to Infection. *ImmunoHorizons*, **2019**, 3, 208-218	2.7	10

168	Milk biosynthesis requires the Golgi cation exchanger TMEM165. *Journal of Biological Chemistry*, **2019**, 294, 3181-3191	5.4	11
167	Pathology of the Emerging Mycobacterium tuberculosis Complex Pathogen, Mycobacterium mungi, in the Banded Mongoose (Mungos mungo). *Veterinary Pathology*, **2018**, 55, 303-309	2.8	7
166	Development of a Multidimensional Proteomic Approach to Detect Circulating Immune Complexes in Cattle Experimentally Infected With. *Frontiers in Veterinary Science*, **2018**, 5, 141	3.1	4
165	Inbred Rats as a Model to Study Persistent Renal Leptospirosis and Associated Cellular Immune Responsiveness. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 66	5.9	7
164	Experimental Transmission of Bovine Digital Dermatitis to Sheep: Development of an Infection Model. *Veterinary Pathology*, **2018**, 55, 245-257	2.8	6
163	Use of the Human Vaccine, Bacillus Calmette Gu□in in Deer. *Frontiers in Veterinary Science*, **2018**, 5, 244	3.1	6
162	Early Detection of Circulating Antigen and IgM-Associated Immune Complexes during Experimental Mycobacterium bovis Infection in Cattle. *Vaccine Journal*, **2017**, 24,		11
161	Evaluation of pathogen-specific biomarkers for the diagnosis of tuberculosis in white-tailed deer (Odocoileus virginianus). *American Journal of Veterinary Research*, **2017**, 78, 729-734	1.1	3
160	Potential for rapid antibody detection to identify tuberculous cattle with non-reactive tuberculin skin test results. *BMC Veterinary Research*, **2017**, 13, 164	2.7	22
159	Identification of Novel Antigens Recognized by Serum Antibodies in Bovine Tuberculosis. *Vaccine Journal*, **2017**, 24,		12
158	Measuring bovine □T cell function at the site of Mycobacterium bovis infection. *Veterinary Immunology and Immunopathology*, **2017**, 193-194, 38-49	2	10
157	Evaluation of Tissue Fixation Methods to Inactivate Mycobacterium bovis Under Routine Laboratory Conditions. *Applied Biosafety*, **2017**, 22, 152-155	1.3	1
156	Use of fecal volatile organic compound analysis to discriminate between non-vaccinated and BCG-Vaccinated cattle prior to and after Mycobacterium bovis challenge. *PLoS ONE*, **2017**, 12, e0179914	3.7	13
155	Using White-tailed Deer () in Infectious Disease Research. *Journal of the American Association for Laboratory Animal Science*, **2017**, 56, 350-360	1.3	8
154	Multinucleated giant cell cytokine expression in pulmonary granulomas of cattle experimentally infected with Mycobacterium bovis. *Veterinary Immunology and Immunopathology*, **2016**, 180, 34-39	2	11
153	Emerging Tuberculosis Pathogen Hijacks Social Communication Behavior in the Group-Living Banded Mongoose (Mungos mungo). *MBio*, **2016**, 7,	7.8	14
152	Interleukin-17A as a Biomarker for Bovine Tuberculosis. *Vaccine Journal*, **2016**, 23, 168-80		30
151	Increased TNF-□IFN-□IL-2 and Decreased TNF-□IFN-□Production by Central Memory T Cells Are Associated with Protective Responses against Bovine Tuberculosis Following BCG Vaccination. *Frontiers in Immunology*, **2016**, 7, 421	8.4	29

150	Differential Cytokine Gene Expression in Granulomas from Lungs and Lymph Nodes of Cattle Experimentally Infected with Aerosolized Mycobacterium bovis. *PLoS ONE*, **2016**, 11, e0167471	3.7	11
149	Mycobacterium bovis Infection of Cattle and White-Tailed Deer: Translational Research of Relevance to Human Tuberculosis. *ILAR Journal*, **2015**, 56, 26-43	1.7	23
148	Anatomical distribution of Mycobacterium bovis genotypes in experimentally infected white-tailed deer. *Veterinary Microbiology*, **2015**, 180, 75-81	3.3	6
147	Analysis of Cytokine Gene Expression using a Novel Chromogenic In-situ Hybridization Method in Pulmonary Granulomas of Cattle Infected Experimentally by Aerosolized Mycobacterium bovis. *Journal of Comparative Pathology*, **2015**, 153, 150-9	1	17
146	Effects of Serial Skin Testing with Purified Protein Derivative on the Level and Quality of Antibodies to Complex and Defined Antigens in Mycobacterium bovis-Infected Cattle. *Vaccine Journal*, **2015**, 22, 641-9		28
145	Application of Long-term cultured Interferon-γ Enzyme-linked Immunospot Assay for Assessing Effector and Memory T Cell Responses in Cattle. *Journal of Visualized Experiments*, **2015**, e52833	1.6	5
144	Fecal Volatile Organic Ccompound Profiles from White-Tailed Deer (Odocoileus virginianus) as Indicators of Mycobacterium bovis Exposure or Mycobacterium bovis Bacille Calmette-Guerin (BCG) Vaccination. *PLoS ONE*, **2015**, 10, e0129740	3.7	14
143	Characterization of effector and memory T cell subsets in the immune response to bovine tuberculosis in cattle. *PLoS ONE*, **2015**, 10, e0122571	3.7	32
142	Sequence Analysis of Bitter Taste Receptor Gene Repertoires in Different Ruminant Species. *PLoS ONE*, **2015**, 10, e0124933	3.7	2
141	Advancement of knowledge of Brucella over the past 50 years. *Veterinary Pathology*, **2014**, 51, 1076-89	2.8	116
140	Respiratory syncytial virus infection in cattle. *Veterinary Pathology*, **2014**, 51, 427-36	2.8	46
139	Changes observed in the thymus and lymph nodes 14 days after exposure to BVDV field strains of enhanced or typical virulence in neonatal calves. *Veterinary Immunology and Immunopathology*, **2014**, 160, 70-80	2	19
138	The role of bovine γδ T cells and their WC1 co-receptor in response to bacterial pathogens and promoting vaccine efficacy: a model for cattle and humans. *Veterinary Immunology and Immunopathology*, **2014**, 159, 144-55	2	22
137	The role of gamma delta T cells in immunity to Mycobacterium bovis infection in cattle. *Veterinary Immunology and Immunopathology*, **2014**, 159, 133-43	2	23
136	Relevance of bovine tuberculosis research to the understanding of human disease: historical perspectives, approaches, and immunologic mechanisms. *Veterinary Immunology and Immunopathology*, **2014**, 159, 113-32	2	34
135	A pilot study exploring the use of breath analysis to differentiate healthy cattle from cattle experimentally infected with Mycobacterium bovis. *PLoS ONE*, **2014**, 9, e89280	3.7	32
134	Reemergence of Tuberculosis in Animals in the United States **2014**, 281-299		4
133	Specific recognition of mycobacterial protein and peptide antigens by γδ T cell subsets following infection with virulent Mycobacterium bovis. *Journal of Immunology*, **2014**, 192, 2756-69	5.3	44

132	Virulence of two strains of mycobacterium bovis in cattle following aerosol infection. *Journal of Comparative Pathology*, **2014**, 151, 410-9	1	26
131	Persistence of Mycobacterium bovis bacillus Calmette-Guérin (BCG) Danish in white-tailed deer (Odocoileus virginianus) vaccinated with a lipid-formulated oral vaccine. *Transboundary and Emerging Diseases*, **2014**, 61, 266-72	4.2	11
130	Evaluation of ethanol vortex ELISA for detection of bovine tuberculosis in cattle and deer. *BMC Veterinary Research*, **2014**, 10, 147	2.7	11
129	Testing a molasses-based bait for oral vaccination of white-tailed deer (Odocoileus virginianus) against Mycobacterium bovis. *European Journal of Wildlife Research*, **2014**, 60, 265-270	2	7
128	Oral vaccination of white-tailed deer (Odocoileus virginianus) with Mycobacterium bovis Bacillus Calmette-Guerin (BCG). *PLoS ONE*, **2014**, 9, e97031	3.7	21
127	Isolation of mycobacteria from clinical samples collected in the United States from 2004 to 2011. *BMC Veterinary Research*, **2013**, 9, 100	2.7	22
126	Active and latent ovine herpesvirus-2 (OvHV-2) infection in a herd of captive white-tailed deer (Odocoileus virginianus). *Journal of Comparative Pathology*, **2013**, 149, 162-6	1	12
125	Disparate host immunity to Mycobacterium avium subsp. paratuberculosis antigens in calves inoculated with M. avium subsp. paratuberculosis, M. avium subsp. avium, M. kansasii, and M. bovis. *Vaccine Journal*, **2013**, 20, 848-57		12
124	Clinical and diagnostic developments of a gamma interferon release assay for use in bovine tuberculosis control programs. *Vaccine Journal*, **2013**, 20, 1827-35		22
123	Rapid detection of serum antibody by dual-path platform VetTB assay in white-tailed deer infected with Mycobacterium bovis. *Vaccine Journal*, **2013**, 20, 907-11		23
122	Mycobacterium bovis: characteristics of wildlife reservoir hosts. *Transboundary and Emerging Diseases*, **2013**, 60 Suppl 1, 1-13	4.2	91
121	Development of chronic and acute golden Syrian hamster infection models with Leptospira borgpetersenii serovar Hardjo. *Veterinary Pathology*, **2012**, 49, 403-11	2.8	33
120	Depletion of CD4 T lymphocytes at the time of infection with M. avium subsp. paratuberculosis does not accelerate disease progression. *Veterinary Immunology and Immunopathology*, **2012**, 149, 286-91	2	8
119	Bovine tuberculosis vaccine research: historical perspectives and recent advances. *Vaccine*, **2012**, 30, 2611-22	4.1	132
118	Differential expression of cytokines in response to respiratory syncytial virus infection of calves with high or low circulating 25-hydroxyvitamin D3. *PLoS ONE*, **2012**, 7, e33074	3.7	57
117	Neonatal calf infection with respiratory syncytial virus: drawing parallels to the disease in human infants. *Viruses*, **2012**, 4, 3731-53	6.2	21
116	Evaluation of gamma interferon (IFN-γ)-induced protein 10 responses for detection of cattle infected with Mycobacterium bovis: comparisons to IFN-γ responses. *Vaccine Journal*, **2012**, 19, 346-51		26
115	Mycobacterium bovis: A Model Pathogen at the Interface of Livestock, Wildlife, and Humans. *Veterinary Medicine International*, **2012**, 2012, 236205	1.5	70

114	Mycobacterial diseases of animals 2012. *Veterinary Medicine International*, **2012**, 2012, 684720	1.5	7
113	Tuberculosis immunity: opportunities from studies with cattle. *Clinical and Developmental Immunology*, **2011**, 2011, 768542		76
112	Bovine tuberculosis and the establishment of an eradication program in the United States: role of veterinarians. *Veterinary Medicine International*, **2011**, 2011, 816345	1.5	37
111	Mycobacterial diseases of animals. *Veterinary Medicine International*, **2011**, 2011, 292469	1.5	7
110	Bovine tuberculosis in Europe from the perspective of an officially tuberculosis free country: trade, surveillance and diagnostics. *Veterinary Microbiology*, **2011**, 151, 153-9	3.3	68
109	Improved specificity for detection of Mycobacterium bovis in fresh tissues using IS6110 real-time PCR. *BMC Veterinary Research*, **2011**, 7, 50	2.7	36
108	Examination of the reticular epithelium of the bovine pharyngeal tonsil. *Anatomical Record*, **2011**, 294, 1939-50	2.1	10
107	A Leptospira borgpetersenii serovar Hardjo vaccine induces a Th1 response, activates NK cells, and reduces renal colonization. *Vaccine Journal*, **2011**, 18, 684-91		56
106	Use of the intradermal tuberculin test in a herd of captive elk (Cervus elaphus nelsoni) naturally infected with Mycobacterium bovis. *Journal of Veterinary Diagnostic Investigation*, **2011**, 23, 363-6	1.5	6
105	Development and evaluation of an enzyme-linked immunosorbent assay for use in the detection of bovine tuberculosis in cattle. *Vaccine Journal*, **2011**, 18, 1882-8		63
104	Comparison of tuberculin activity using the interferon-gamma assay for the diagnosis of bovine tuberculosis. *Veterinary Record*, **2010**, 167, 322-6	0.9	17
103	Immune responses in cattle inoculated with Mycobacterium bovis, Mycobacterium tuberculosis, or Mycobacterium kansasii. *Vaccine Journal*, **2010**, 17, 247-52		57
102	Influenza virus coinfection with Bordetella bronchiseptica enhances bacterial colonization and host responses exacerbating pulmonary lesions. *Microbial Pathogenesis*, **2010**, 49, 237-45	3.8	55
101	Bovine tuberculosis: effect of the tuberculin skin test on in vitro interferon gamma responses. *Veterinary Immunology and Immunopathology*, **2010**, 136, 1-11	2	52
100	Persistence of Mycobacterium bovis Bacillus Calmette-Guérin in white-tailed deer (Odocoileus virginianus) after oral or parenteral vaccination. *Zoonoses and Public Health*, **2010**, 57, e206-12	2.9	22
99	Bovine tuberculosis: a review of current and emerging diagnostic techniques in view of their relevance for disease control and eradication. *Transboundary and Emerging Diseases*, **2010**, 57, 205-20	4.2	143
98	Investigations on Deer to Deer and Deer to Cattle Transmission of the Vaccine Mycobacterium bovis Bacillus Calmette-Guérin (BCG). *Journal of Vaccines & Vaccination*, **2010**, 01,		3
97	Signal regulatory protein alpha (SIRPalpha) cells in the adaptive response to ESAT-6/CFP-10 protein of tuberculous mycobacteria. *PLoS ONE*, **2009**, 4, e6414	3.7	5

96	Serum 25-hydroxyvitamin D concentrations in captive and free-ranging, white-tailed deer (Odocoileus virginianus). *International Journal for Vitamin and Nutrition Research*, **2009**, 79, 180-7	1.7	3
95	Humoral immune responses of white-tailed deer (Odocoileus virginianus) to Mycobacterium bovis BCG vaccination and experimental challenge with M. bovis. *Vaccine Journal*, **2009**, 16, 323-9		11
94	Single-antigen serological testing for bovine tuberculosis. *Vaccine Journal*, **2009**, 16, 1309-13		30
93	Evaluation of blood assays for detection of Mycobacterium bovis in white-tailed deer (Odocoileus virginianus) in Michigan. *Journal of Wildlife Diseases*, **2009**, 45, 153-64	1.3	22
92	Spontaneous idiopathic arteritis of the testicular artery in raccoons (Procyon lotor). *Veterinary Pathology*, **2009**, 46, 1129-32	2.8	
91	T-cell mRNA expression in response to Mycobacterium bovis BCG vaccination and Mycobacterium bovis infection of white-tailed deer. *Vaccine Journal*, **2009**, 16, 1139-45		10
90	Assessment of Mycobacterium tuberculosis OmpATb as a novel antigen for the diagnosis of bovine tuberculosis. *Vaccine Journal*, **2009**, 16, 1314-21		10
89	Optimization of a whole-blood gamma interferon assay for detection of Mycobacterium bovis-infected cattle. *Vaccine Journal*, **2009**, 16, 1196-202		41
88	Pathogenesis of Mycobacterium avium subsp. paratuberculosis in neonatal calves after oral or intraperitoneal experimental infection. *Veterinary Microbiology*, **2009**, 136, 306-13	3.3	43
87	Evaluation of granulysin and perforin as candidate biomarkers for protection following vaccination with Mycobacterium bovis BCG or M. bovisDeltaRD1. *Transboundary and Emerging Diseases*, **2009**, 56, 228-39	4.2	14
86	Efficacy and immunogenicity of Mycobacterium bovis DeltaRD1 against aerosol M. bovis infection in neonatal calves. *Vaccine*, **2009**, 27, 1201-9	4.1	55
85	The calf model of immunity for development of a vaccine against tuberculosis. *Veterinary Immunology and Immunopathology*, **2009**, 128, 199-204	2	20
84	Histology, immunohistochemistry and ultrastructure of the bovine palatine tonsil with special emphasis on reticular epithelium. *Veterinary Immunology and Immunopathology*, **2009**, 127, 277-85	2	13
83	Vaccination with Mycobacterium bovis BCG strains Danish and Pasteur in white-tailed deer (Odocoileus virginianus) experimentally challenged with Mycobacterium bovis. *Zoonoses and Public Health*, **2009**, 56, 243-51	2.9	44
82	Biomarker discovery in subclinical mycobacterial infections of cattle. *PLoS ONE*, **2009**, 4, e5478	3.7	61
81	Coinfection of pigs with porcine respiratory coronavirus and Bordetella bronchiseptica. *Veterinary Microbiology*, **2008**, 128, 36-47	3.3	42
80	Animal-side serologic assay for rapid detection of Mycobacterium bovis infection in multiple species of free-ranging wildlife. *Veterinary Microbiology*, **2008**, 132, 283-92	3.3	102
79	Early antibody response against Mycobacterium avium subspecies paratuberculosis antigens in subclinical cattle. *Proteome Science*, **2008**, 6, 5	2.6	33

78	Blood culture and stimulation conditions for the diagnosis of tuberculosis in cervids by the Cervigam assay. *Veterinary Record*, **2008**, 162, 203-8	0.9	21
77	Histopathologic and immunohistochemical findings in two white-tailed deer fawns persistently infected with Bovine viral diarrhea virus. *Journal of Veterinary Diagnostic Investigation*, **2008**, 20, 289-96	1.5	18
76	Reproductive tract disease associated with inoculation of pregnant white-tailed deer with bovine viral diarrhea virus. *American Journal of Veterinary Research*, **2008**, 69, 1630-6	1.1	25
75	Profiling bovine antibody responses to Mycobacterium avium subsp. paratuberculosis infection by using protein arrays. *Infection and Immunity*, **2008**, 76, 739-49	3.7	29
74	Efficacy of oral and parenteral routes of Mycobacterium bovis bacille Calmette-Guerin vaccination against experimental bovine tuberculosis in white-tailed deer (Odocoileus virginianus): a feasibility study. *Journal of Wildlife Diseases*, **2008**, 44, 247-59	1.3	75
73	Wasting and neurologic signs in a white-tailed deer (Odocoileus virginianus) not associated with abnormal prion protein. *Journal of Wildlife Diseases*, **2008**, 44, 1045-50	1.3	2
72	Development and use of a partial Mycobacterium avium subspecies paratuberculosis protein array. *Proteomics*, **2008**, 8, 463-74	4.8	17
71	Effects of pre-culture holding time and temperature on interferon-gamma responses in whole blood cultures from Mycobacterium bovis-infected cattle. *Veterinary Microbiology*, **2007**, 119, 277-82	3.3	11
70	Experimental infection of white-tailed deer (Odocoileus virginianus) with Mycobacterium avium subsp. paratuberculosis. *Journal of Wildlife Diseases*, **2007**, 43, 597-608	1.3	11
69	Diagnostic characterization of a feral swine herd enzootically infected with Brucella. *Journal of Veterinary Diagnostic Investigation*, **2007**, 19, 227-37	1.5	38
68	Lesion development and immunohistochemical changes in granulomas from cattle experimentally infected with Mycobacterium bovis. *Veterinary Pathology*, **2007**, 44, 863-74	2.8	72
67	An ESAT-6:CFP10 DNA vaccine administered in conjunction with Mycobacterium bovis BCG confers protection to cattle challenged with virulent M. bovis. *Vaccine*, **2007**, 25, 4735-46	4.1	41
66	Vaccination of white-tailed deer (Odocoileus virginianus) with Mycobacterium bovis bacillus Calmette Guerï. *Vaccine*, **2007**, 25, 6589-97	4.1	44
65	Failure of a Mycobacterium tuberculosis DeltaRD1 DeltapanCD double deletion mutant in a neonatal calf aerosol M. bovis challenge model: comparisons to responses elicited by M. bovis bacille Calmette Guerin. *Vaccine*, **2007**, 25, 7832-40	4.1	34
64	Associations between cytokine gene expression and pathology in Mycobacterium bovis infected cattle. *Veterinary Immunology and Immunopathology*, **2007**, 119, 204-13	2	54
63	Advances in bovine tuberculosis diagnosis and pathogenesis: what policy makers need to know. *Veterinary Microbiology*, **2006**, 112, 181-90	3.3	43
62	Immune responses to defined antigens of Mycobacterium bovis in cattle experimentally infected with Mycobacterium kansasii. *Vaccine Journal*, **2006**, 13, 611-9		53
61	Early antibody responses to experimental Mycobacterium bovis infection of cattle. *Vaccine Journal*, **2006**, 13, 648-54		107

60	Survival of Mycobacterium bovis on feedstuffs commonly used as supplemental feed for white-tailed deer (Odocoileus virginianus). *Journal of Wildlife Diseases*, **2006**, 42, 853-8	1.3	43
59	Correlation of cytokine gene expression with pathology in white-tailed deer (Odocoileus virginianus) infected with Mycobacterium bovis. *Vaccine Journal*, **2006**, 13, 640-7		16
58	Evaluation of the gamma interferon ELISA in sheep subclinically infected with Mycobacterium avium subspecies paratuberculosis using a whole-cell sonicate or a johnin purified-protein derivative. *Journal of Veterinary Diagnostic Investigation*, **2006**, 18, 189-94	1.5	9
57	Effects of different tuberculin skin-testing regimens on gamma interferon and antibody responses in cattle experimentally infected with Mycobacterium bovis. *Vaccine Journal*, **2006**, 13, 387-94		52
56	Experimentally induced infection of reindeer (Rangifer tarandus) with Mycobacterium bovis. *Journal of Veterinary Diagnostic Investigation*, **2006**, 18, 52-60	1.5	17
55	Antigen-specific proliferation and activation of peripheral blood mononuclear cells from Mycobacterium bovis-infected reindeer. *Veterinary Immunology and Immunopathology*, **2006**, 111, 263-77	2	5
54	Mycobacterium bovisInfection in Animals and Humans, 2nd Edition. *Emerging Infectious Diseases*, **2006**, 12, 1306a-1306	10.2	1
53	Sensitivity and specificity of the agar-gel-immunodiffusion test, ELISA and the skin test for detection of paratuberculosis in United States Midwest sheep populations. *Veterinary Research*, **2006**, 37, 553-64	3.8	13
52	Development of an adult-like cell-mediated immune response in calves after early vaccination with Mycobacterium bovis bacillus Calmette-Guﾨin. *Journal of Dairy Science*, **2005**, 88, 195-210	4	25
51	Isolation of Mycobacterium avium subsp paratuberculosis (Map) from feral cats on a dairy farm with Map-infected cattle. *Journal of Wildlife Diseases*, **2005**, 41, 629-35	1.3	23
50	Analysis of immune responses directed toward a recombinant early secretory antigenic target six-kilodalton protein-culture filtrate protein 10 fusion protein in Mycobacterium bovis-infected cattle. *Infection and Immunity*, **2005**, 73, 6659-67	3.7	23
49	Antibody responses in reindeer (Rangifer tarandus) infected with Mycobacterium bovis. *Vaccine Journal*, **2005**, 12, 727-35		30
48	Effects of increased dietary protein and energy on composition and functional capacities of blood mononuclear cells from vaccinated, neonatal calves. *International Journal for Vitamin and Nutrition Research*, **2005**, 75, 357-68	1.7	9
47	Investigation of the transmission of Mycobacterium bovis from deer to cattle through indirect contact. *American Journal of Veterinary Research*, **2004**, 65, 1483-9	1.1	84
46	Shared feed as a means of deer-to-deer transmission of Mycobacterium bovis. *Journal of Wildlife Diseases*, **2004**, 40, 87-91	1.3	72
45	Induction of neutralizing antibodies in reindeer (Rangifer tarandus) after administration of a killed West Nile virus vaccine. *Journal of Wildlife Diseases*, **2004**, 40, 759-62	1.3	1
44	Immune responses of white-tailed deer (Odocoileus virginianus) to Mycobacterium bovis BCG vaccination. *Journal of Wildlife Diseases*, **2004**, 40, 66-78	1.3	23
43	Use of recombinant ESAT-6:CFP-10 fusion protein for differentiation of infections of cattle by Mycobacterium bovis and by M. avium subsp. avium and M. avium subsp. paratuberculosis. *Vaccine Journal*, **2004**, 11, 729-35		65

42	West Nile virus infection in reindeer (Rangifer tarandus). *Journal of Veterinary Diagnostic Investigation*, **2004**, 16, 219-22	1.5	19
41	Evaluation of an in vitro blood-based assay to detect production of interferon-gamma by Mycobacterium bovis-infected white-tailed deer (Odocoileus virginianus). *Journal of Veterinary Diagnostic Investigation*, **2004**, 16, 17-21	1.5	21
40	Congenital polycystic kidney in a white-tailed deer (Odocoileus virginianus). *Journal of Veterinary Diagnostic Investigation*, **2004**, 16, 475-7	1.5	8
39	CD80 and CD86, but not CD154, augment DNA vaccine-induced protection in experimental bovine tuberculosis. *Vaccine*, **2004**, 23, 769-79	4.1	36
38	Mycobacterium bovis infection of vitamin D-deficient NOS2-/- mice. *Microbial Pathogenesis*, **2004**, 36, 11-7	3.8	35
37	Aerosol exposure of white-tailed deer (Odocoileus virginianus) to Mycobacterium bovis. *Journal of Wildlife Diseases*, **2003**, 39, 817-23	1.3	24
36	Immune responses after oral inoculation of weanling bison or beef calves with a bison or cattle isolate of Mycobacterium avium subsp. paratuberculosis. *Journal of Wildlife Diseases*, **2003**, 39, 545-55	1.3	19
35	Mycobacterium bovis bacille Calmette-Guerin vaccination of cattle: activation of bovine CD4+ and gamma delta TCR+ cells and modulation by 1,25-dihydroxyvitamin D3. *Tuberculosis*, **2003**, 83, 287-97	2.6	24
34	Efficacy of calfhood vaccination with Brucella abortus strain RB51 in protecting bison against brucellosis. *Research in Veterinary Science*, **2003**, 74, 17-22	2.5	32
33	Immune responses of elk to Mycobacterium bovis bacillus Calmette Guerin vaccination. *Vaccine*, **2003**, 21, 1518-26	4.1	12
32	Milk containing Mycobacterium bovis as a source of infection for white-tailed deer fawns (Odocoileus virginianus). *Tuberculosis*, **2002**, 82, 161-5	2.6	13
31	Aerosol delivery of virulent Mycobacterium bovis to cattle. *Tuberculosis*, **2002**, 82, 275-82	2.6	76
30	Apoptosis in lymph node granulomas from white-tailed deer (Odocoileus virginianus) experimentally infected with Mycobacterium bovis. *Journal of Comparative Pathology*, **2002**, 127, 7-13	1	3
29	Hepatic lipidosis in pregnant captive American bison (Bison bison). *Journal of Veterinary Diagnostic Investigation*, **2002**, 14, 512-5	1.5	1
28	Susceptibility of raccoons (Procyon lotor) to infection with Mycobacterium bovis. *Journal of Wildlife Diseases*, **2002**, 38, 266-74	1.3	28
27	Immune responses of elk to vaccination with Brucella abortus strain RB51. *Journal of Wildlife Diseases*, **2002**, 38, 746-51	1.3	10
26	Atlantoaxial instability in a white-tailed deer fawn (Odocoileus virginianus). *Journal of Wildlife Diseases*, **2002**, 38, 860-2	1.3	5
25	Treatment with neurokinin-1 receptor antagonist reduces severity of inflammatory bowel disease induced by Cryptosporidium parvum. *Vaccine Journal*, **2002**, 9, 333-40		8

24	Prevalence of Mycobacterium bovis infection in cervids on privately owned ranches. *Journal of the American Veterinary Medical Association*, **2002**, 220, 656-9	1	14
23	Mycobacterium bovis-infected white-tailed deer (Odocoileus virginianus): detection of immunoglobulin specific to crude mycobacterial antigens by ELISA. *Journal of Veterinary Diagnostic Investigation*, **2002**, 14, 470-5	1.5	19
22	Lesion development in white-tailed deer (Odocoileus virginianus) experimentally infected with Mycobacterium bovis. *Veterinary Pathology*, **2002**, 39, 334-40	2.8	36
21	Abomasal ulcers in captive white-tailed deer (Odocoileus virginianus). *Journal of Comparative Pathology*, **2001**, 125, 224-7	1	3
20	Comparison of purified protein derivatives and effect of skin testing on results of a commercial gamma interferon assay for diagnosis of tuberculosis in cattle. *Journal of Veterinary Diagnostic Investigation*, **2001**, 13, 117-22	1.5	47
19	Effects of intranasal inoculation with Bordetella bronchiseptica, porcine reproductive and respiratory syndrome virus, or a combination of both organisms on subsequent infection with Pasteurella multocida in pigs. *American Journal of Veterinary Research*, **2001**, 62, 521-5	1.1	46
18	Experimental deer-to-deer transmission of Mycobacterium bovis. *American Journal of Veterinary Research*, **2001**, 62, 692-6	1.1	52
17	Tuberculin skin testing in white-tailed deer (Odocoileus virginianus). *Journal of Veterinary Diagnostic Investigation*, **2001**, 13, 530-3	1.5	20
16	B cells are required for the induction of intestinal inflammatory lesions in TCRalpha-deficient mice persistently infected with Cryptosporidium parvum. *Journal of Parasitology*, **2000**, 86, 1073-7	0.9	6
15	Effects of intranasal inoculation of porcine reproductive and respiratory syndrome virus, Bordetella bronchiseptica, or a combination of both organisms in pigs. *American Journal of Veterinary Research* , **2000**, 61, 892-9	1.1	50
14	Naturally occurring tuberculosis in white-tailed deer. *Journal of the American Veterinary Medical Association*, **2000**, 216, 1921-4	1	38
13	MHC class II-restricted, CD4(+) T-cell proliferative responses of peripheral blood mononuclear cells from Mycobacterium bovis-infected white-tailed deer. *Veterinary Immunology and Immunopathology*, **2000**, 76, 215-29	2	11
12	Lymphocyte subset proliferative responses of Mycobacterium bovis-infected cattle to purified protein derivative. *Veterinary Immunology and Immunopathology*, **2000**, 77, 257-73	2	27
11	Cell mediated and humoral immune responses of white-tailed deer experimentally infected with Mycobacterium bovis. *Research in Veterinary Science*, **2000**, 68, 95-8	2.5	14
10	Biosafety of Parenteral Brucella abortus RB51 Vaccine in Bison Calves. *Journal of Wildlife Management*, **1999**, 63, 950	1.9	11
9	Cryptosporidium Parvum-Induced Inflammatory Bowel Disease of TCR-b- x TCR-d-Deficient Mice. *Journal of Parasitology*, **1999**, 85, 1100	0.9	7
8	Development of a model of natural infection with Mycobacterium bovis in white-tailed deer. *Journal of Wildlife Diseases*, **1999**, 35, 450-7	1.3	69
7	Arcanobacterium pyogenes as a cause of fatal pleuropneumonia after capture and transport of white-tailed deer (Odocoileus virginianus). *Journal of Veterinary Diagnostic Investigation*, **1999**, 11, 468-71	1.5	9

6	Responses of cattle to two dosages of Brucella abortus strain RB51: serology, clearance and efficacy. *Research in Veterinary Science*, **1999**, 66, 101-5	2.5	32
5	Bacterial survival, lymph node pathology, and serological responses of bison (Bison bison) vaccinated with Brucella abortus strain RB51 or strain 19. *Journal of Wildlife Diseases*, **1997**, 33, 146-51	1.3	13
4	Accelerated Inflammatory Bowel Disease of TCR-a-Deficient Mice Persistently Infected with Cryptosporidium parvum. *Journal of Parasitology*, **1997**, 83, 460	0.9	12
3	Morphometric and histopathologic analysis of lymphoid depletion in murine spleens following infection with Brucella abortus strains 2308 or RB51 or an htrA deletion mutant. *Veterinary Pathology*, **1996**, 33, 282-9	2.8	11
2	From Deer-to-Deer: SARS-CoV-2 is efficiently transmitted and presents broad tissue tropism and replication sites in white-tailed deer		3
1	Susceptibility of white-tailed deer (Odocoileus virginianus) to SARS-CoV-2		18