

Michael P. Reichel

List of Publications by Year in descending order

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120
papers

3,413
citations

147801
31
h-index

168389
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126
all docs

126
docs citations

126
times ranked

2085
citing authors

#	ARTICLE	IF	CITATIONS
1	What is the global economic impact of <i>Neospora caninum</i> in cattle – The billion dollar question. <i>International Journal for Parasitology</i> , 2013, 43, 133-142.	3.1	381
2	Bovine viral diarrhoea: Pathogenesis and diagnosis. <i>Veterinary Journal</i> , 2014, 199, 201-209.	1.7	238
3	Growth of the cold-tolerant pathogens <i>Yersinia enterocolitica</i> , <i>Aeromonas hydrophila</i> and <i>Listeria monocytogenes</i> on high-pH beef packaged under vacuum or carbon dioxide. <i>Food Microbiology</i> , 1989, 6, 223-230.	4.2	182
4	<i>Neospora</i> abortions in dairy cattle: diagnosis, mode of transmission and control. <i>Veterinary Parasitology</i> , 2005, 128, 231-241.	1.8	113
5	Immunization of Cattle with Live Tachyzoites of <i>Neospora caninum</i> Confers Protection against Fetal Death. <i>Infection and Immunity</i> , 2007, 75, 1343-1348.	2.2	109
6	Prevalence of Antibodies to <i>Neospora caninum</i> in Different Canid Populations. <i>Journal of Parasitology</i> , 1997, 83, 1056.	0.7	99
7	<i>Neospora caninum</i> – How close are we to development of an efficacious vaccine that prevents abortion in cattle?. <i>International Journal for Parasitology</i> , 2009, 39, 1173-1187.	3.1	84
8	If control of <i>Neospora caninum</i> infection is technically feasible does it make economic sense?. <i>Veterinary Parasitology</i> , 2006, 142, 23-34.	1.8	70
9	Neosporosis and hammondiosis in dogs. <i>Journal of Small Animal Practice</i> , 2007, 48, 308-312.	1.2	70
10	Progress in the Serodiagnosis of <i>Neospora caninum</i> Infections of Cattle. <i>Parasitology Today</i> , 2000, 16, 110-114.	3.0	59
11	Evaluation of three enzyme-linked immunosorbent assays (ELISAs) for the detection of serum antibodies in sheep infected with <i>Echinococcus granulosus</i> . <i>Veterinary Parasitology</i> , 2002, 110, 57-76.	1.8	56
12	Bovine neosporosis: comparison of serological methods using outbreak sera from a dairy herd in New Zealand. <i>International Journal for Parasitology</i> , 1999, 29, 1659-1667.	3.1	50
13	<i>Neospora caninum</i> infections in Australia and New Zealand. <i>Australian Veterinary Journal</i> , 2000, 78, 258-261.	1.1	50
14	Performance characteristics of an enzyme-linked immunosorbent assay for the detection of liver fluke (<i>Fasciola hepatica</i>) infection in sheep and cattle. <i>Veterinary Parasitology</i> , 2002, 107, 65-72.	1.8	49
15	Comparison of serological tests and faecal culture for the detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection in cattle and analysis of the antigens involved. <i>Veterinary Microbiology</i> , 1999, 66, 135-150.	1.9	48
16	The first report of ovine cerebral neosporosis and evaluation of <i>Neospora caninum</i> prevalence in sheep in New South Wales. <i>Veterinary Parasitology</i> , 2010, 170, 137-142.	1.8	48
17	On the Efficacy and Safety of Vaccination with Live Tachyzoites of <i>Neospora caninum</i> for Prevention of <i>Neospora</i> -Associated Fetal Loss in Cattle. <i>Vaccine Journal</i> , 2013, 20, 99-105.	3.1	46
18	Reduction in transplacental transmission of <i>Neospora caninum</i> in outbred mice by vaccination. <i>International Journal for Parasitology</i> , 2005, 35, 821-828.	3.1	45

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19	A longitudinal study of <i>Neospora caninum</i> infection on a dairy farm in New Zealand. Preventive Veterinary Medicine, 2002, 54, 11-24.	1.9	43
20	Control options for <i>Neospora caninum</i> “ is there anything new or are we going backwards?. Parasitology, 2014, 141, 1455-1470.	1.5	43
21	The diagnosis of <i>Neospora</i> abortions in cattle. New Zealand Veterinary Journal, 1996, 44, 151-154.	0.9	42
22	Protection of pigs from swine dysentery by vaccination with recombinant BmpB, a 29.7kDa outer-membrane lipoprotein of <i>Brachyspira hyodysenteriae</i> . Veterinary Microbiology, 2004, 102, 97-109.	1.9	42
23	Detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in ovine tissues and blood by the polymerase chain reaction. Veterinary Microbiology, 1997, 57, 233-244.	1.9	41
24	Evaluation of recombinant proteins of <i>Neospora caninum</i> as vaccine candidates (in a mouse model). Vaccine, 2008, 26, 5989-5996.	3.8	41
25	Expression of interleukin 4, interleukin 4 splice variants and interferon gamma mRNA in calves experimentally infected with <i>Fasciola hepatica</i> . Veterinary Immunology and Immunopathology, 2004, 97, 53-63.	1.2	39
26	Sero-prevalence of <i>Neospora caninum</i> and <i>Besnoitia besnoiti</i> in South Australian beef and dairy cattle. Veterinary Parasitology, 2012, 186, 480-485.	1.8	38
27	Genetic diversity amongst isolates of <i>Neospora caninum</i> , and the development of a multiplex assay for the detection of distinct strains. Molecular and Cellular Probes, 2009, 23, 132-139.	2.1	36
28	A review of <i>Neospora caninum</i> in water buffalo (<i>Bubalus bubalis</i>). Veterinary Parasitology, 2015, 212, 75-79.	1.8	34
29	Assessment of the hygienic adequacy of a commercial hot boning process for beef by a temperature function integration technique. International Journal of Food Microbiology, 1991, 14, 27-41.	4.7	33
30	Review of Diagnostic Procedures and Approaches to Infectious Causes of Reproductive Failures of Cattle in Australia and New Zealand. Frontiers in Veterinary Science, 2018, 5, 222.	2.2	33
31	Comparison of three serological tests and an interferon-g assay for the diagnosis of paratuberculosis in experimentally infected sheep. Australian Veterinary Journal, 2000, 78, 779-783.	1.1	32
32	The development and evaluation of a nested PCR assay for detection of <i>Neospora caninum</i> and <i>Hammondia heydorni</i> in feral mouse tissues. Molecular and Cellular Probes, 2008, 22, 228-233.	2.1	32
33	Control options for <i>Neospora caninum</i> infections in cattle “ current state of knowledge. New Zealand Veterinary Journal, 2002, 50, 86-92.	0.9	31
34	Serology of a <i>Neospora</i> abortion outbreak on a dairy farm in New Zealand: A case study. New Zealand Veterinary Journal, 1998, 46, 28-31.	0.9	29
35	A live vaccine against <i>Neospora caninum</i> abortions in cattle. Vaccine, 2015, 33, 1299-1301.	3.8	29
36	Serological crossreactivity between <i>Brucella abortus</i> and <i>Yersinia enterocolitica</i> O:9 III. Specificity of the in vitro antigen-specific gamma interferon test for bovine brucellosis diagnosis in experimentally <i>Yersinia enterocolitica</i> O:9-infected cattle. Veterinary Microbiology, 1997, 57, 361-371.	1.9	28

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37	Prevalence of <i>Neospora</i> antibodies in New Zealand dairy cattle and dogs. New Zealand Veterinary Journal, 1998, 46, 38-38.	0.9	28
38	Performance characteristics of an enzyme-linked immunosorbent assay performed in milk for the detection of liver fluke (<i>Fasciola hepatica</i>) infection in cattle. Veterinary Parasitology, 2005, 129, 61-66.	1.8	27
39	Evaluation of an enzyme-linked immunosorbent assay for the serological diagnosis of <i>Neospora caninum</i> infection in sheep and determination of the apparent prevalence of infection in New Zealand. Veterinary Parasitology, 2008, 151, 323-326.	1.8	27
40	<i>Neospora caninum</i> serostatus is affected by age and species variables in cohabiting water buffaloes and beef cattle. Veterinary Parasitology, 2014, 203, 259-263.	1.8	27
41	Bovine viral diarrhoea virus (â€˜pestivirusâ€™) in Australia: to control or not to control?. Australian Veterinary Journal, 2014, 92, 277-282.	1.1	27
42	Prevalence of <i>Neospora caninum</i> Antibodies in Sheep and Goats in Pakistan. Journal of Parasitology, 2012, 98, 213-215.	0.7	26
43	Validation and evaluation of a commercially available ELISA for the detection of antibodies specific to bovine viral diarrhoea virus (bovine pestivirus). Australian Veterinary Journal, 2013, 91, 52-56.	1.1	26
44	An analysis of the performance characteristics of serological tests for the diagnosis of <i>Neospora caninum</i> infection in cattle. Veterinary Parasitology, 2002, 107, 197-207.	1.8	25
45	Prevalence of <i>Neospora caninum</i> infection in Australian (NSW) dairy cattle estimated by a newly validated ELISA for milk. Veterinary Parasitology, 2006, 142, 173-178.	1.8	25
46	Does control of bovine viral diarrhoea infection make economic sense?. New Zealand Veterinary Journal, 2008, 56, 60-66.	0.9	25
47	Isolation of <i>Toxoplasma gondii</i> from the brain of a dog in Australia and its biological and molecular characterization. Veterinary Parasitology, 2009, 164, 335-339.	1.8	25
48	On the Biological and Genetic Diversity in <i>Neospora caninum</i> . Diversity, 2010, 2, 411-438.	1.7	24
49	<i>Neospora caninum</i> causes severe economic losses in cattle in the humid pampa region of Argentina. Tropical Animal Health and Production, 2013, 45, 1237-1241.	1.4	24
50	Evaluation of alternative methods for the detection of bovine leukaemia virus in cattle. New Zealand Veterinary Journal, 1998, 46, 140-146.	0.9	23
51	A second generation multiplex PCR for typing strains of <i>Neospora caninum</i> using six DNA targets. Molecular and Cellular Probes, 2010, 24, 20-26.	2.1	23
52	Risk factors for <i>Neospora caninum</i> , bovine viral diarrhoea virus, and <i>Leptospira interrogans</i> serovar Hardjo infection in smallholder cattle and buffalo in Lao PDR. PLoS ONE, 2019, 14, e0220335.	2.5	23
53	Use of molecular and milk production information for the cost-effective diagnosis of bovine viral diarrhoea infection in New Zealand dairy cattle. Veterinary Microbiology, 2010, 142, 87-89.	1.9	21
54	Prevalence and distribution of <i>Neospora caninum</i> in water buffalo (<i>Bubalus bubalis</i>) and cattle in the Northern Territory of Australia. Parasitology International, 2015, 64, 392-396.	1.3	21

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55	Treating <i>Cryptosporidium parvum</i> Infection in Calves. Journal of Parasitology, 2013, 99, 715-717.	0.7	19
56	Milk as a diagnostic sample for a commercially available <scp>ELISA</scp> to identify bovine viral diarrhoea (<scp>BVD</scp>) antibodies in dairy herds. Australian Veterinary Journal, 2014, 92, 269-273.	1.1	19
57	Genomics and Its Impact on Parasitology and the Potential for Development of New Parasite Control Methods. DNA and Cell Biology, 2003, 22, 395-403.	1.9	18
58	Research into <i>Neospora caninum</i> "What Have We Learnt in the Last Thirty Years?. Pathogens, 2020, 9, 505.	2.8	18
59	Prevalence of <i>Neospora</i> antibodies in beef cattle in New Zealand. New Zealand Veterinary Journal, 2000, 48, 149-150.	0.9	17
60	Re-evaluating the economics of neosporosis control. Veterinary Parasitology, 2008, 156, 361-362.	1.8	17
61	Neosporosis in a pup. New Zealand Veterinary Journal, 1998, 46, 106-110.	0.9	16
62	The efficacy of formulations of triclabendazole and ivermectin in combination against liver fluke (<i>Fasciola hepatica</i>) and gastrointestinal nematodes in cattle and sheep and sucking lice species in cattle. Australian Veterinary Journal, 2002, 80, 698-701.	1.1	16
63	Cat fleas (<i>Ctenocephalides felis</i>) carrying <i>Rickettsia felis</i> and <i>Bartonella</i> species in Hong Kong. Parasitology International, 2018, 67, 209-212.	1.3	16
64	Survey of farmer knowledge and attitudes to endemic disease management in South Australia, with a focus on bovine viral diarrhoea (bovine pestivirus). Australian Veterinary Journal, 2015, 93, 157-163.	1.1	15
65	Perspectives on Current Challenges and Opportunities for Bovine Viral Diarrhoea Virus Eradication in Australia and New Zealand. Pathogens, 2018, 7, 14.	2.8	15
66	Immunological assessment of exposure to <i>Echinococcus granulosus</i> in a rural dog population in Uruguay. Acta Tropica, 1994, 58, 179-185.	2.0	14
67	Evaluation of two commercial enzyme-linked immunosorbent assays for detection of bovine viral diarrhoea virus in serum and skin biopsies of cattle. New Zealand Veterinary Journal, 2007, 55, 45-48.	0.9	14
68	Comparison of serum, ear notches, and nasal and saliva swabs for Bovine viral diarrhea virus antigen detection in colostrum-fed persistently infected (PI) calves and non-PI calves. Journal of Veterinary Diagnostic Investigation, 2014, 26, 783-787.	1.1	14
69	Reproductive performance in experimentally BVDV infected ewes and seroconversion rates in sheep co-mingled with BVDV PI calves. Small Ruminant Research, 2015, 123, 314-319.	1.2	14
70	Investigation of infectious reproductive pathogens of large ruminants: Are neosporosis, brucellosis, leptospirosis and BVDV of relevance in Lao PDR?. Acta Tropica, 2018, 177, 118-126.	2.0	14
71	Evaluation of electrophoretic immunoblotting for the detection of antibodies against the bovine leukosis virus in cattle. Journal of Virological Methods, 1996, 61, 7-22.	2.1	12
72	Cystic echinococcosis in the Falkland Islands. Preventive Veterinary Medicine, 1996, 27, 115-123.	1.9	12

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73	Treatment of postdiscectomy low back pain by percutaneous posterior lumbar interbody fusion versus open posterior lumbar fusion with pedicle screws. <i>Spine Journal</i> , 2008, 8, 741-746.	1.3	12
74	Detection of antibodies against the core protein p24 of the bovine leukaemia virus in cattle for confirmatory serological testing. <i>Journal of Virological Methods</i> , 1999, 77, 109-114.	2.1	11
75	Investigation of AGID and two commercial ELISAs for the detection of Bovine viral diarrhoea virus-specific antibodies in sheep serum. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 181-185.	1.1	10
76	Wildbrücke Vorkermarkt – vorgespanntes Bogentragwerk aus UHFB-Segmentfertigteilen. <i>Beton- Und Stahlbetonbau</i> , 2011, 106, 760-769.	0.4	9
77	Antibodies to bovine viral diarrhoea virus (<sc>BVDV</sc>) in water buffalo (<i>Bubalus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 94, 423-426.	1.1	9
78	Combined control evaluation for <i>Neospora caninum</i> infection in dairy: Economic point of view coupled with population dynamics. <i>Veterinary Parasitology</i> , 2020, 277, 108967.	1.8	9
79	Prevalence of Overall and Teatwise Mastitis and Effect of Herd Size in Dairy Buffaloes. <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.2	9
80	Understanding the Impact and Control of Bovine Viral Diarrhoea in Cattle Populations. <i>Springer Science Reviews</i> , 2013, 1, 85-93.	1.3	8
81	A genetically unique Chinese cattle population shows evidence of common ancestry with wild species when analysed with a reduced ascertainment bias SNP panel. <i>PLoS ONE</i> , 2020, 15, e0231162.	2.5	8
82	Eradication of <i>Brucella ovis</i> from the Falkland Islands 1977-1993. <i>Veterinary Record</i> , 1994, 134, 595-597.	0.3	8
83	Serological survey for antibodies against bovine viral diarrhoea virus and <i>Neospora caninum</i> in a population of South Australian alpacas (<i>Vicugna pacos</i>). <i>Australian Veterinary Journal</i> , 2015, 93, 476-478.	1.1	7
84	Moving past serology: Diagnostic options without serum. <i>Veterinary Journal</i> , 2016, 215, 76-81.	1.7	7
85	Clinical responses and reproductive outcomes in pregnant ewes experimentally infected with bovine viral diarrhoea virus (type-1c) between days 59 and 69 of gestation. <i>Small Ruminant Research</i> , 2017, 149, 121-127.	1.2	7
86	30 years of parasitology research analysed by text mining. <i>Parasitology</i> , 2020, 147, 1643-1657.	1.5	7
87	Großversuch WILD-Brücke - versuchsgestützte Bemessung einer UHPC-Bogenbrücke. <i>Beton- Und Stahlbetonbau</i> , 2009, 104, 134-144.	0.4	6
88	Wildbrücke Vorkermarkt - vorgespanntes Bogentragwerk aus UHFB-Segmentfertigteilen. <i>Beton- Und Stahlbetonbau</i> , 2011, 106, 827-835.	0.4	6
89	Pooling serum to identify cohorts of nonmilking cattle likely to be infected with <i>Bovine viral diarrhoea virus</i> by testing for specific antibodies. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 346-353.	1.1	6
90	Investigations of selected pathogens among village pigs in Central Papua, Indonesia. <i>Tropical Animal Health and Production</i> , 2016, 48, 29-36.	1.4	6

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91	Natural transmission of bovine viral diarrhoea virus from a persistently infected neonate lamb to naïve sheep and cattle. <i>Veterinary Record</i> , 2018, 182, 352-352.	0.3	6
92	Seroprevalence of antibodies to <i>Pestivirus</i> infections in South Australian sheep flocks. <i>Australian Veterinary Journal</i> , 2018, 96, 312-314.	1.1	6
93	Non-Bovine Species and the Risk to Effective Control of Bovine Viral Diarrhoea (BVD) in Cattle. <i>Pathogens</i> , 2021, 10, 1263.	2.8	6
94	Performance characteristics and optimisation of cut-off values of two enzyme-linked immunosorbent assays for the detection of antibodies to <i>Neospora caninum</i> in the serum of cattle. <i>Veterinary Parasitology</i> , 2006, 140, 61-68.	1.8	5
95	Co-infection of water buffaloes in Punjab, Pakistan, with <i>Neospora caninum</i> and <i>Brucella abortus</i> . <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2014, 38, 572-576.	0.5	5
96	<i>Erysipelothrix rhusiopathiae</i> and <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 211-216.	1.1	5
97	The Epidemiology and Control of Bovine Viral Diarrhoea Virus in Tropical Indonesian Cattle. <i>Pathogens</i> , 2022, 11, 215.	2.8	5
98	Attempted definition by immunoblotting of the causes of reactivity in suspected false-positive sera in the <i>Brucella</i> ovis complement fixation test. <i>New Zealand Veterinary Journal</i> , 1996, 44, 170-174.	0.9	4
99	Traditional pig farming practices and productivity in the Jayawijaya region, Papua Province, Indonesia. <i>Tropical Animal Health and Production</i> , 2015, 47, 495-502.	1.4	4
100	Investigation of the comparative sensitivity of serum, colostrum and whey for the detection of specific antibodies in sheep vaccinated against Johne's disease. <i>Small Ruminant Research</i> , 2015, 123, 193-195.	1.2	4
101	Recent trends in the use of social media in parasitology and the application of alternative metrics. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100013.	1.9	4
102	An improved immunoblotting technique for the serodiagnosis of <i>Brucella ovis</i> infections. <i>New Zealand Veterinary Journal</i> , 1997, 45, 75-77.	0.9	3
103	Evaluation of electrophoretic immunoblotting for <i>Brucella ovis</i> infection in deer using ram and deer serum. <i>New Zealand Veterinary Journal</i> , 1998, 46, 32-34.	0.9	3
104	Performance of an enzyme-linked immunosorbent assay for the diagnosis of <i>Brucella ovis</i> infection in rams. <i>New Zealand Veterinary Journal</i> , 1999, 47, 71-74.	0.9	3
105	Stoffliche und konstruktionsbezogene Besonderheiten beim Einsatz von UHFB im Brückenbau am Beispiel von drei Pilotprojekten. <i>Beton- Und Stahlbetonbau</i> , 2009, 104, 589-598.	0.4	3
106	Role for colostrum and whey in testing for bovine TB and Johne's disease?. <i>Veterinary Record</i> , 2014, 175, 597-597.	0.3	3
107	Cross-sectional observational survey of serum biochemistry values in a population of 69 adult female alpacas (<i>Vicugna pacos</i>) in South Australia. <i>Australian Veterinary Journal</i> , 2016, 94, 125-126.	1.1	3
108	Infection with Bovine Viral Diarrhea Virus in Cattle in Southern Papua, Indonesia. <i>Acta Tropica</i> , 2020, 212, 105712.	2.0	3

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109	A Scenario-Centric Approach for the Definition of the Formal Test Specifications of Reactive Systems. , 2009, , .		2
110	Pretreatment of serum samples to reduce interference of colostrum-derived specific antibodies with detection of <i>Bovine viral diarrhea virus</i> antigen by ELISA in young calves. Journal of Veterinary Diagnostic Investigation, 2016, 28, 345-349.	1.1	2
111	The diagnostic performance of an antibody enzyme-linked immunosorbent assay using serum and colostrum to determine the disease status of a Jersey dairy herd infected with <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i>. Journal of Veterinary Diagnostic Investigation, 2016, 28, 50-53.	1.1	2
112	Pathological lesions of lambs infected in utero with bovine viral diarrhoea virus type 1c (BVDVâ€1c). Veterinary Record, 2021, 188, e6.	0.3	2
113	Are infectious reproductive pathogens of large ruminants a threat to improving food security? An investigation from Cambodia. Tropical Animal Health and Production, 2021, 53, 480.	1.4	2
114	Performance Characteristics of ELISA to Detect Bovine Viral Diarrhea Virus (BVDV) Antibodies Using Colostrum. Open Journal of Veterinary Medicine, 2015, 05, 35-41.	0.4	2
115	Pig Diseases in Papua Province, Indonesia: Aetiology, Eco-epidemiology and Control Options. Springer Science Reviews, 2016, 4, 25-48.	1.3	1
116	Associations between Farmer Demographics, Management Practices and Attitudes towards Bovine Viral Diarrhoea and its Control. American Journal of Animal and Veterinary Sciences, 2017, 12, 210-215.	0.5	1
117	How to publish a great scientific paper â€” A guide for publishing successfully in Veterinary Parasitology. Veterinary Parasitology, 2022, 304, 109697.	1.8	1
118	Optimizing the Measurement of Colostrum Antibody Concentrations for Identifying BVDV Persistently Infected Calves. Veterinary Sciences, 2015, 2, 26-31.	1.7	0
119	Production Animal Diseases: The Diagnostic Utility of Colostrum. Springer Science Reviews, 2015, 3, 141-151.	1.3	0
120	Factors affecting enduring participation in a pig farming program in Southern Papua, Indonesia. Tropical Animal Health and Production, 2022, 54, 46.	1.4	0