Richard Whittington

List of Publications by Year
in descending order

68 papers	2,887 citations	201575 27 h-index	168321 53 g-index
69 all docs	69 docs citations	69 times ranked	2122 citing authors

#	Article	IF	Citations
1	Efficacy of bivalent fimbrial vaccines to control and eliminate intermediate forms of footrot in sheep. Australian Veterinary Journal, 2022, 100, 121-129.	0.5	2
2	Removal of oyster pathogens from seawater. Environment International, 2021, 150, 106258.	4.8	3
3	Comparative Genomics of Mycobacterium avium Subspecies Paratuberculosis Sheep Strains. Frontiers in Veterinary Science, 2021, 8, 637637.	0.9	7
4	Whole-Genome Analysis of Mycobacterium avium subsp. paratuberculosis IS900Insertions Reveals Strain Type-Specific Modalities. Frontiers in Microbiology, 2021, 12, 660002.	1.5	7
5	Detection of ostreid herpesvirus-1 in plankton and seawater samples at an estuary scale. Diseases of Aquatic Organisms, 2020, 138, 1-15.	0.5	5
6	Ovine Paratuberculosis Control in Australia Revisited. Animals, 2020, 10, 1623.	1.0	8
7	Influence of environment on the pathogenesis of Ostreid herpesvirus-1 (OsHV-1) infections in Pacific oysters (Crassostrea gigas) through differential microbiome responses. Heliyon, 2019, 5, e02101.	1.4	19
8	Different in vivo growth of ostreid herpesvirus 1 at 18ÂÂ°C and 22ÂÂ°C alters mortality of Pacific oysters (Crassostrea gigas). Archives of Virology, 2019, 164, 3035-3043.	0.9	5
9	The microbiome of the footrot lesion in Merino sheep is characterized by a persistent bacterial dysbiosis. Veterinary Microbiology, 2019, 236, 108378.	0.8	10
10	Control of paratuberculosis: who, why and how. A review of 48 countries. BMC Veterinary Research, 2019, 15, 198.	0.7	219
11	Geographic Distribution of Epizootic haematopoietic necrosis virus (EHNV) in Freshwater Fish in South Eastern Australia: Lost Opportunity for a Notifiable Pathogen to Expand Its Geographic Range. Viruses, 2019, 11, 315.	1.5	3
12	The impacts of ostreid herpesvirus 1 microvariants on Pacific oyster aquaculture in the Northern and Southern Hemispheres since 2008. OIE Revue Scientifique Et Technique, 2019, 38, 491-509.	0.5	12
13	Both age and size influence susceptibility of Pacific oysters (Crassostrea gigas) to disease caused by Ostreid herpesvirus -1 (OsHV-1) in replicated field and laboratory experiments. Aquaculture, 2018, 489, 110-120.	1.7	31
14	Immunopathological changes and apparent recovery from infection revealed in cattle in an experimental model of Johneâ€™s disease using a lyophilised culture of Mycobacterium avium subspecies paratuberculosis. Veterinary Microbiology, 2018, 219, 53-62.	0.8	22
15	Defining resilience to mycobacterial disease: Characteristics of survivors of ovine paratuberculosis. Veterinary Immunology and Immunopathology, 2018, 195, 56-64.	0.5	19
16	Counting the dead to determine the source and transmission of the marine herpesvirus OsHV-1 in Crassostrea gigas. Veterinary Research, 2018, 49, 34.	1.1	24
17	Sheep and cattle exposed to Mycobacterium avium subspecies paratuberculosis exhibit altered total serum cholesterol profiles during the early stages of infection. Veterinary Immunology and Immunopathology, 2018, 202, 164-171.	0.5	4
18	Partial validation of a TaqMan real-time quantitative PCR for the detection of ranaviruses. Diseases of Aquatic Organisms, 2018, 128, 105-116.	0.5	28

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19	Age dependency of nervous necrosis virus infection in barramundi Lates calcarifer (Bloch). Journal of Fish Diseases, 2017, 40, 1089-1101.	0.9	23
20	Serology in Finfish for Diagnosis, Surveillance, and Research: A Systematic Review. Journal of Aquatic Animal Health, 2017, 29, 1-14.	0.6	12
21	Evaluation of Genotypic and Phenotypic Protease Virulence Tests for Dichelobacter nodosus Infection in Sheep. Journal of Clinical Microbiology, 2017, 55, 1313-1326.	1.8	17
22	Detection of Ostreid herpesvirus -1 microvariants in healthy Crassostrea gigas following disease events and their possible role as reservoirs of infection. Journal of Invertebrate Pathology, 2017, 148, 20-33.	1.5	22
23	ICTV Virus Taxonomy Profile: Iridoviridae. Journal of General Virology, 2017, 98, 890-891.	1.3	162
24	Pacific oyster mortality syndrome: a marine herpesvirus active in Australia. Microbiology Australia, 2016, 37, 126.	0.1	5
25	Distribution of Ostreid herpesvirus-1 (OsHV-1) microvariant in seawater in a recirculating aquaculture system. Aquaculture, 2016, 458, 21-28.	1.7	13
26	Bayesian estimation of diagnostic sensitivity and specificity of a nervous necrosis virus antibody ELISA. Preventive Veterinary Medicine, 2016, 123, 138-142.	0.7	10
27	Comparison of ELISA formats for detection of antibodies specific for nervous necrosis virus (Betanodavirus) in the serum of immunized barramundi Lates calcarifer and Australian bass Macquaria novemaculeata. Aquaculture, 2016, 451, 33-38.	1.7	15
28	Effect of water temperature on mortality of Pacific oysters Crassostrea gigas associated with microvariant ostreid herpesvirus 1 (OsHV-1 ÂµVar). Aquaculture Environment Interactions, 2016, 8, 419-428.	0.7	49
29	Recommended reporting standards for test accuracy studies of infectious diseases of finfish, amphibians, molluscs and crustaceans: the STRADAS-aquatic checklist. Diseases of Aquatic Organisms, 2016, 118, 91-111.	0.5	25
30	Effects of Mycobacterium avium subsp. paratuberculosis infection on serum biochemistry, body weight and wool growth in Merino sheep: A longitudinal study. Small Ruminant Research, 2015, 125, 146-153.	0.6	16
31	Specific faecal antibody responses in sheep infected with Mycobacterium avium subspecies paratuberculosis. Veterinary Immunology and Immunopathology, 2015, 166, 125-131.	0.5	14
32	Histopathological Characterization of Cutaneous Delayed-type Hypersensitivity and Correlations with Intestinal Pathology and Systemic Immune Responses in Sheep with Paratuberculosis. Journal of Comparative Pathology, 2015, 153, 67-80.	0.1	6
33	Transmission of Ostreid herpesvirus-1 in Crassostrea gigas by cohabitation: effects of food and number of infected donor oysters. Aquaculture Environment Interactions, 2015, 7, 281-295.	0.7	31
34	Antigenicity in sheep of synthetic peptides derived from stress-regulated Mycobacterium avium subsp. paratuberculosis proteins and comparison with recombinant protein and complex native antigens. Veterinary Immunology and Immunopathology, 2014, 158, 46-52.	0.5	2
35	Lymphoproliferative and Gamma Interferon Responses to Stress-Regulated Mycobacterium avium subsp. paratuberculosis Recombinant Proteins. Vaccine Journal, 2014, 21, 831-837.	3.2	8
36	Footrot vaccines and vaccination. Vaccine, 2014, 32, 3139-3146.	1.7	25

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37	A simple centrifugation method for improving the detection of Ostreid herpesvirus-1 (OsHV-1) in natural seawater samples with an assessment of the potential for particulate attachment. Journal of Virological Methods, 2014, 210, 59-66.	1.0	42
38	Descriptive epidemiology of mass mortality due to Ostreid herpesvirus-1 (OsHV-1) in commercially farmed Pacific oysters (Crassostrea gigas) in the Hawkesbury River estuary, Australia. Aquaculture, 2014, 422-423, 146-159.	1.7	93
39	Immunoreactivity of protein tyrosine phosphatase A (PtpA) in sera from sheep infected with Mycobacterium avium subspecies paratuberculosis. Veterinary Immunology and Immunopathology, 2014, 160, 129-132.	0.5	4
40	Molecular epidemiology of betanodavirusâ€"Sequence analysis strategies and quasispecies influence outbreak source attribution. Virology, 2013, 436, 15-23.	1.1	6
41	Outbreak-specific monovalent/bivalent vaccination to control and eradicate virulent ovine footrot. Vaccine, 2013, 31, 1701-1706.	1.7	33
42	Spatial distribution of mortality in Pacific oysters Crassostrea gigas: reflection on mechanisms of OsHV-1 transmission. Diseases of Aquatic Organisms, 2013, 105, 127-138.	0.5	84
43	MYCOBACTERIUM AVIUMSUBSPECIESPARATUBERCULOSISCULTURED FROM THE FECES OF A SOUTHERN BLACK RHINOCEROS (DICEROS BICORNIS MINOR) WITH DIARRHEA AND WEIGHT LOSS. Journal of Zoo and Wildlife Medicine, 2012, 43, 391-393.	0.3	14
44	Comparative immunological and microbiological aspects of paratuberculosis as a model mycobacterial infection. Veterinary Immunology and Immunopathology, 2012, 148, 29-47.	0.5	310
45	In silico screened Mycobacterium avium subsp. paratuberculosis (MAP) recombinant proteins upregulated under stress conditions are immunogenic in sheep. Veterinary Immunology and Immunopathology, 2012, 149, 186-196.	0.5	12
46	Culture Phenotypes of Genomically and Geographically Diverse Mycobacterium avium subsp. paratuberculosis Isolates from Different Hosts. Journal of Clinical Microbiology, 2011, 49, 1822-1830.	1.8	48
47	Recurrent outbreaks of viral nervous necrosis in intensively cultured barramundi (Lates calcarifer) due to horizontal transmission of betanodavirus and recommendations for disease control. Aquaculture, 2011, 319, 41-52.	1.7	26
48	Does a Th1 over Th2 dominancy really exist in the early stages of Mycobacterium avium subspecies paratuberculosis infections?. Immunobiology, 2011, 216, 840-846.	0.8	376
49	The interleukin 10 response in ovine Johne's disease. Veterinary Immunology and Immunopathology, 2011, 139, 10-16.	0.5	29
50	Biomarker discovery for ovine paratuberculosis (Johne's disease) by proteomic serum profiling. Comparative Immunology, Microbiology and Infectious Diseases, 2011, 34, 315-326.	0.7	22
51	Preparation of fish tissues for optimal detection of betanodavirus. Aquaculture, 2010, 310, 20-26.	1.7	14
52	Cross species transmission of ovine Johne's disease from sheep to cattle: an estimate of prevalence in exposed susceptible cattle. Australian Veterinary Journal, 2008, 86, 117-123.	0.5	36
53	Pilot trials in Australia on eradication of footrot by flock specific vaccination. Veterinary Microbiology, 2008, 132, 364-371.	0.8	38
54	Genomic diversity in Mycobacterium avium: Single nucleotide polymorphisms between the S and C strains of M. avium subsp. paratuberculosis and with M. a. avium. Molecular and Cellular Probes, 2007, 21, 66-75.	0.9	36

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55	Evaluation of a Pourquier ELISA kit in relation to agar gel immunodiffusion (AGID) test for assessment of the humoral immune response in sheep and goats with and without Mycobacterium paratuberculosis infection. Veterinary Microbiology, 2006, 115, 91-101.	0.8	49
56	Experimental infection of weaner sheep with S strain Mycobacterium avium subsp. paratuberculosis. Veterinary Microbiology, 2003, 96, 247-258.	0.8	42
57	Rapid differentiation of Australian, European and American ranaviruses based on variation in major capsid protein gene sequence. Molecular and Cellular Probes, 2002, 16, 137-151.	0.9	71
58	Serogroup specific single and multiplex PCR with pre-enrichment culture and immuno-magnetic bead capture for identifying strains of D. nodosus in sheep with footrot prior to vaccination. Molecular and Cellular Probes, 2002, 16, 285-296.	0.9	53
59	Progress towards understanding the spread, detection and control of Mycobacterium avium subsp paraâ€tuberculosis in animal populations. Australian Veterinary Journal, 2001, 79, 267-278.	0.5	222
60	Pilus ELISA and an anamnestic test for the diagnosis of virulent ovine footrot and its application in a disease control program in Nepal. Veterinary Microbiology, 2001, 79, 31-45.	0.8	13
61	Molecular epidemiological confirmation and circumstances of occurrence of sheep (S) strains of Mycobacterium avium subsp. paratuberculosis in cases of paratuberculosis in cattle in Australia and sheep and cattle in Iceland. Veterinary Microbiology, 2001, 79, 311-322.	0.8	55
62	Temporal patterns and quantification of excretion of Mycobacterium avium subsp paratuberculosis in sheep with Johne's disease. Australian Veterinary Journal, 2000, 78, 34-37.	0.5	77
63	Further observations on the epidemiology and spread of epizootic haematopoietic necrosis virus (EHNV) in farmed rainbow trout Oncorhynchus mykiss in southeastern Australia and a recommended sampling strategy for surveillance. Diseases of Aquatic Organisms, 1999, 35, 125-130.	0.5	34
64	Pathology of epizootic haematopoietic necrosis virus (EHNV) infection in rainbow trout (Oncorhynchus mykiss Walbaum) and redfin perch (Perca fluviatilis L). Journal of Comparative Pathology, 1996, 115, 103-115.	0.1	46
65	Spread of epizootic haematopoietic necrosis virus (EHNV) in redfin perch (Perca fluviatilis) in southern Australia. Australian Veterinary Journal, 1996, 73, 112-114.	0.5	40
66	Influence of environmental temperature on experimental infection of redfin perch (Perca fluviatilis) and rainbow trout (Oncorhynchus mykiss) with epizootic haematopoietic necrosis virus, an Australian iridovirus. Australian Veterinary Journal, 1995, 72, 421-424.	0.5	51
67	Epizootic haematopoietic necrosis virus (EHNV): improved ELISA for detection in fish tissues and cell cultures and an efficient method for release of antigen from tissues. Journal of Virological Methods, 1993, 43, 205-220.	1.0	25
68	Humoral responses to a multivalent vaccine in age-matched lambs of different bodyweight and nutrition. Research in Veterinary Science, 1992, 52, 277-283.	0.9	2