Iain East

List of Publications by Year in Descending Order

54 papers	694 citations	15 h-index	23 g-index
55 ext. papers	771 ext. citations	2.6 avg, IF	3.69 L-index

#	Paper	IF	Citations
54	Optimal surveillance against foot-and-mouth disease: A sample average approximation approach. *PLoS ONE*, **2020**, 15, e0235969	3.7	
53	Management strategies for vaccinated animals after an outbreak of foot-and-mouth disease and the impact on return to trade. *PLoS ONE*, **2019**, 14, e0223518	3.7	8
52	Optimal surveillance against foot-and-mouth disease: the case of bulk milk testing in Australia. *Australian Journal of Agricultural and Resource Economics*, **2017**, 61, 515-538	2.4	11
51	Comparison of alternatives to passive surveillance to detect foot and mouth disease incursions in Victoria, Australia. *Preventive Veterinary Medicine*, **2016**, 128, 78-86	3.1	14
50	Assessing the delay to detection and the size of the outbreak at the time of detection of incursions of foot and mouth disease in Australia. *Preventive Veterinary Medicine*, **2016**, 123, 1-11	3.1	22
49	Improving the computational efficiency of an agent-based spatiotemporal model of livestock disease spread and control. *Environmental Modelling and Software*, **2016**, 77, 1-12	5.2	17
48	Assessing the efficacy of general surveillance for detection of incursions of livestock diseases in Australia. *Preventive Veterinary Medicine*, **2015**, 121, 215-30	3.1	21
47	Evaluating the risk of avian influenza introduction and spread among poultry exhibition flocks in Australia. *Preventive Veterinary Medicine*, **2015**, 118, 128-41	3.1	12
46	Spatial and temporal evaluation of veterinarians and veterinary employers relative to human and domesticated animal populations in Australia 2002-2012. *Australian Veterinary Journal*, **2015**, 93, 137-44	1.2	7
45	Cattle movement patterns in Australia: an analysis of the NLIS database 2008-2012. *Australian Veterinary Journal*, **2015**, 93, 394-403	1.2	5
44	Options for managing animal welfare on intensive pig farms confined by movement restrictions during an outbreak of foot and mouth disease. *Preventive Veterinary Medicine*, **2014**, 117, 533-41	3.1	8
43	The spatial and temporal variation of the distribution and prevalence of Atlantic salmon reovirus (TSRV) infection in Tasmania, Australia. *Preventive Veterinary Medicine*, **2014**, 116, 214-9	3.1	4
42	Structure, dynamics and movement patterns of the Australian pig industry. *Australian Veterinary Journal*, **2014**, 92, 52-7	1.2	10
41	Spatial analysis of targeted surveillance for screw-worm fly (Chrysomya bezziana or Cochliomyia hominivorax) in Australia. *Australian Veterinary Journal*, **2014**, 92, 254-62	1.2	5
40	Nomadic beekeeper movements create the potential for widespread disease in the honeybee industry. *Australian Veterinary Journal*, **2014**, 92, 283-90	1.2	16
39	How do resources influence control measures during a simulated outbreak of foot and mouth disease in Australia?. *Preventive Veterinary Medicine*, **2014**, 113, 436-46	3.1	40
38	Use of a multi-criteria analysis framework to inform the design of risk based general surveillance systems for animal disease in Australia. *Preventive Veterinary Medicine*, **2013**, 112, 230-47	3.1	24

37	Descriptive overview of the 2011 epidemic of arboviral disease in horses in Australia. *Australian Veterinary Journal*, **2013**, 91, 5-13	1.2	45
36	The structure, dynamics and movement patterns of the Australian sheep industry. *Australian Veterinary Journal*, **2011**, 89, 477-89	1.2	19
35	Evaluating the effectiveness of early vaccination in the control and eradication of equine influenza--a modelling approach. *Preventive Veterinary Medicine*, **2011**, 99, 15-27	3.1	40
34	Seroconversion to avian influenza virus in free-range chickens in the Riverland region of Victoria. *Australian Veterinary Journal*, **2010**, 88, 290-3	1.2	7
33	Assessment of the risks of communicable disease transmission through the movement of poultry exhibited at agricultural shows in New South Wales. *Australian Veterinary Journal*, **2010**, 88, 333-41	1.2	7
32	Are the Australian poultry industries vulnerable to large outbreaks of highly pathogenic avian influenza?. *Australian Veterinary Journal*, **2009**, 87, 165-74	1.2	15
31	Addressing the problems of using the polymerase chain reaction technique as a stand-alone test for detecting pathogens in aquatic animals. *OIE Revue Scientifique Et Technique*, **2008**, 27, 829-37	2.5	4
30	Australia\x{2019}s notifiable diseases status, 2006: annual report of the National Notifiable Diseases Surveillance System. *Communicable Diseases Intelligence Quarterly Report*, **2008**, 32, 139-207		3
29	Adoption of biosecurity practices in the Australian poultry industries. *Australian Veterinary Journal*, **2007**, 85, 107-12	1.2	38
28	A serological and virological survey for evidence of infection with Newcastle disease virus in Australian chicken farms. *Australian Veterinary Journal*, **2007**, 85, 236-42	1.2	5
27	Australia\x{2019}s notifiable diseases status, 2005: annual report of the National Notifiable Diseases Surveillance System. *Communicable Diseases Intelligence Quarterly Report*, **2007**, 31, 1-70		7
26	Survey for the presence of White Spot Syndrome virus in Australian crustaceans. *Australian Veterinary Journal*, **2004**, 82, 236-40	1.2	17
25	Detection of gill-associated virus (GAV) by in situ hybridization during acute and chronic infections of Penaeus monodon and P. esculentus. *Diseases of Aquatic Organisms*, **2003**, 56, 1-10	1.7	25
24	Digestion of host immunoglobulin and activity of midgut proteases in the buffalo fly Haematobia irritans exigua. *Journal of Insect Physiology*, **1998**, 44, 445-450	2.4	9
23	Mapping the T cell epitopes of the Babesia bovis antigen 12D3: implications for vaccine design. *Parasite Immunology*, **1998**, 20, 1-8	2.2	13
22	Vaccination against Babesia bovis: T cells from protected and unprotected animals show different cytokine profiles. *International Journal for Parasitology*, **1997**, 27, 1537-45	4.3	11
21	Babesia bovis: biosynthesis and localisation of 12D3 antigen in bovine erythrocytes. *International Journal for Parasitology*, **1996**, 26, 1255-62	4.3	8
20	Variation in immune responsiveness of sheep to the antigens of intestinal nematodes and blowfly larvae. *International Journal for Parasitology*, **1995**, 25, 629-36	4.3	4

19	Oesophagostomum radiatum: the effect of different adjuvants on vaccination with a partially purified protective antigen. *Veterinary Parasitology*, **1993**, 49, 191-200	2.8	5
18	Lucilia cuprina: inhibition of larval growth induced by immunization of host sheep with extracts of larval peritrophic membrane. *International Journal for Parasitology*, **1993**, 23, 221-9	4.3	63
17	Vaccines against blowfly strike: the effect of adjuvant type on vaccine effectiveness. *International Journal for Parasitology*, **1992**, 22, 309-14	4.3	12
16	The survival and fecundity of buffalo flies after treatment of cattle with three anthelmintics. *Australian Veterinary Journal*, **1992**, 69, 283-5	1.2	2
15	Reduced growth of Lucilia cuprina larvae fed serum from sheep treated with anthelmintics. *Australian Veterinary Journal*, **1992**, 69, 286-7	1.2	3
14	Immunity in mice vaccinated with a molecular weight 60,000 glycoprotein secreted by adult Nematospiroides dubius. *International Journal for Parasitology*, **1989**, 19, 71-6	4.3	6
13	Oesophagostomum radiatum: successful vaccination of calves with high molecular weight antigens. *International Journal for Parasitology*, **1989**, 19, 271-4	4.3	6
12	Nematospiroides dubius: influence of adjuvants on immunity in mice vaccinated with antigens isolated by affinity chromatography from adult worms. *Experimental Parasitology*, **1989**, 68, 67-73	2.1	15
11	Nematospiroides dubius: passive transfer of protective immunity to mice with monoclonal antibodies. *Experimental Parasitology*, **1988**, 66, 7-12	2.1	5
10	Oesophagostomum radiatum: successful vaccination of calves with an extract of in vitro cultured larvae. *International Journal for Parasitology*, **1988**, 18, 125-7	4.3	18
9	A comparison of worm burden and faecal egg count for measuring the efficacy of vaccination against Oesophagostomum radiatum. *International Journal for Parasitology*, **1988**, 18, 863-4	4.3	5
8	Sex-specific antigens on the surface and in the secretions of Nematospiroides dubius. *International Journal for Parasitology*, **1988**, 18, 999-1001	4.3	3
7	Effect of repeated anthelmintic treatment on weight gain in Hereford and Brahman crossbred cattle in south-eastern Queensland. *Australian Journal of Experimental Agriculture*, **1987**, 27, 189		
6	Surface and excretory/secretory antigens of Nematospiroides dubius. *Immunology and Cell Biology*, **1987**, 65 Pt 5, 393-7	5	10
5	Biosynthesis of the mouse zona pellucida and the effect of anti-zona monoclonal antibodies on fertilization and early development. *Theriogenology*, **1986**, 25, 107-116	2.8	3
4	Antigenic differences among the life cycle stages of Oesophagostomum radiatum. *Research in Veterinary Science*, **1986**, 41, 129-130	2.5	5
3	Antibody response to myoglobins: effect of host species. *Molecular Immunology*, **1984**, 21, 479-87	4.3	15
2	Original antigenic sin: experiments with a defined antigen. *Molecular Immunology*, **1980**, 17, 1539-44	4.3	15

List of Publications

1 Post-outbreak surveillance strategies to support proof of freedom from foot-and-mouth disease 2