

Alicja Lew-Tabor

List of Publications by Year in descending order

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85
papers

2,612
citations

136950

32
h-index

206112

48
g-index

87
all docs

87
docs citations

87
times ranked

2274
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of reverse vaccinology approaches for the development of vaccines against ticks and tick borne diseases. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 573-585.	2.7	136
2	Genetic diversity of <i>Anaplasma</i> species major surface proteins and implications for anaplasmosis serodiagnosis and vaccine development. <i>Animal Health Research Reviews</i> , 2005, 6, 75-89.	3.1	122
3	Strategies for new and improved vaccines against ticks and tick-borne diseases. <i>Parasite Immunology</i> , 2016, 38, 754-769.	1.5	122
4	Identification of a mutation in the para-sodium channel gene of the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> associated with resistance to synthetic pyrethroid acaricides. <i>International Journal for Parasitology</i> , 2009, 39, 775-779.	3.1	99
5	Cattle Tick <i>Rhipicephalus microplus</i> -Host Interface: A Review of Resistant and Susceptible Host Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 506.	3.9	97
6	Inter- and intra-strain variation and PCR detection of the internal transcribed spacer 1 (ITS-1) sequences of Australian isolates of <i>Eimeria</i> species from chickens. <i>Veterinary Parasitology</i> , 2003, 112, 33-50.	1.8	93
7	Immunological Profiles of <i>Bos taurus</i> and <i>Bos indicus</i> Cattle Infested with the Cattle Tick, <i>Rhipicephalus (Boophilus) microplus</i> . <i>Vaccine Journal</i> , 2009, 16, 1074-1086.	3.1	86
8	A <i>msp1</i> ± polymerase chain reaction assay for specific detection and differentiation of <i>Anaplasma marginale</i> isolates. <i>Veterinary Microbiology</i> , 2002, 86, 325-335.	1.9	75
9	Phylogenetic analysis of the erythrocytic <i>Anaplasma</i> species based on 16S rDNA and GroEL (HSP60) sequences of <i>A. marginale</i> , <i>A. centrale</i> , and <i>A. ovis</i> and the specific detection of <i>A. centrale</i> vaccine strain. <i>Veterinary Microbiology</i> , 2003, 92, 145-160.	1.9	64
10	Gene expression in the skin of <i>Bos taurus</i> and <i>Bos indicus</i> cattle infested with the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 110-119.	1.2	63
11	Evidence of a tick RNAi pathway by comparative genomics and reverse genetics screen of targets with known loss-of-function phenotypes in <i>Drosophila</i> . <i>BMC Molecular Biology</i> , 2009, 10, 26.	3.0	61
12	Tick-susceptible <i>Bos taurus</i> cattle display an increased cellular response at the site of larval <i>Rhipicephalus (Boophilus) microplus</i> attachment, compared with tick-resistant <i>Bos indicus</i> cattle. <i>International Journal for Parasitology</i> , 2010, 40, 431-441.	3.1	61
13	Merozoite Surface Antigen 2 Proteins of <i>Babesia bovis</i> Vaccine Breakthrough Isolates Contain a Unique Hypervariable Region Composed of Degenerate Repeats. <i>Infection and Immunity</i> , 2005, 73, 7180-7189.	2.2	57
14	Comparison of Culture and a Novel 5' Taq Nuclease Assay for Direct Detection of <i>Campylobacter fetus</i> subsp. <i>venerealis</i> in Clinical Specimens from Cattle. <i>Journal of Clinical Microbiology</i> , 2006, 44, 938-945.	3.9	57
15	Improved detection of <i>Tritrichomonas foetus</i> in bovine diagnostic specimens using a novel probe-based real time PCR assay. <i>Veterinary Parasitology</i> , 2006, 141, 204-215.	1.8	56
16	CattleTickBase: An integrated Internet-based bioinformatics resource for <i>Rhipicephalus (Boophilus) microplus</i> . <i>International Journal for Parasitology</i> , 2012, 42, 161-169.	3.1	55
17	Real-time polymerase chain reaction (PCR) assays for the specific detection and quantification of seven <i>Eimeria</i> species that cause coccidiosis in chickens. <i>Molecular and Cellular Probes</i> , 2009, 23, 83-89.	2.1	52
18	Genomic analysis of <i>Campylobacter fetus</i> subspecies: identification of candidate virulence determinants and diagnostic assay targets. <i>BMC Microbiology</i> , 2009, 9, 86.	3.3	51

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19	Studies on failure of T strain live Babesia bovis vaccine. Australian Veterinary Journal, 1995, 72, 296-300.	1.1	50
20	Comparative analysis of Tritrichomonas foetus (Riedmüller, 1928) cat genotype, T. foetus (Riedmüller, 1928) Tj ETQq0 0 0 rgBT /Overlock Parasitology, 2012, 42, 1143-1149.	3.1	49
21	Comparative microarray analysis of Rhipicephalus (Boophilus) microplus expression profiles of larvae pre-attachment and feeding adult female stages on Bos indicus and Bos taurus cattle. BMC Genomics, 2010, 11, 437.	2.8	48
22	Molecular typing of Pseudomonas pseudomallei: restriction fragment length polymorphisms of rRNA genes. Journal of Clinical Microbiology, 1993, 31, 533-539.	3.9	46
23	Detection of Pseudomonas pseudomallei by PCR and hybridization. Journal of Clinical Microbiology, 1994, 32, 1326-1332.	3.9	45
24	Local immune response against larvae of Rhipicephalus (Boophilus) microplus in Bos taurus indicus and Bos taurus taurus cattle. International Journal for Parasitology, 2010, 40, 865-875.	3.1	44
25	Sequence Variation and Immunologic Cross-Reactivity among Babesia bovis Merozoite Surface Antigen 1 Proteins from Vaccine Strains and Vaccine Breakthrough Isolates. Infection and Immunity, 2005, 73, 5388-5394.	2.2	42
26	Cocktail Anti-Tick Vaccines: The Unforeseen Constraints and Approaches toward Enhanced Efficacies. Vaccines, 2020, 8, 457.	4.4	38
27	Rhipicephalus (Boophilus) microplus tick in vitro feeding methods for functional (dsRNA) and vaccine candidate (antibody) screening. Ticks and Tick-borne Diseases, 2014, 5, 500-510.	2.7	37
28	Effective inhibition of thrombin by Rhipicephalus microplus serpin-15 (RmS-15) obtained in the yeast Pichia pastoris. Ticks and Tick-borne Diseases, 2016, 7, 180-187.	2.7	37
29	Suppressive subtractive hybridization analysis of Rhipicephalus (Boophilus) microplus larval and adult transcript expression during attachment and feeding. Veterinary Parasitology, 2010, 167, 304-320.	1.8	36
30	Sensitive and specific detection of proviral bovine leukemia virus by 5' Taq nuclease PCR using a 3' minor groove binder fluorogenic probe. Journal of Virological Methods, 2004, 115, 167-175.	2.1	35
31	Rhipicephalus microplus serine protease inhibitor family: annotation, expression and functional characterisation assessment. Parasites and Vectors, 2015, 8, 7.	2.5	34
32	Gene expression evidence for off-target effects caused by RNA interference-mediated gene silencing of Ubiquitin-63E in the cattle tick Rhipicephalus microplus. International Journal for Parasitology, 2011, 41, 1001-1014.	3.1	33
33	Evolutionary conserved microRNAs are ubiquitously expressed compared to tick-specific miRNAs in the cattle tick Rhipicephalus (Boophilus) microplus. BMC Genomics, 2011, 12, 328.	2.8	33
34	Transcriptome and toxin family analysis of the paralysis tick, Ixodes holocyclus. International Journal for Parasitology, 2018, 48, 71-82.	3.1	33
35	Differential recognition by tick-resistant cattle of the recombinantly expressed Rhipicephalus microplus serine protease inhibitor-3 (RMS-3). Ticks and Tick-borne Diseases, 2012, 3, 159-169.	2.7	32
36	Genotypic diversity in field isolates of Babesia bovis from cattle with babesiosis after vaccination. Australian Veterinary Journal, 1997, 75, 575-578.	1.1	31

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37	Tick holocyclotoxins trigger host paralysis by presynaptic inhibition. <i>Scientific Reports</i> , 2016, 6, 29446.	3.3	31
38	PCR methods for the discrimination of <i>Babesia bovis</i> isolates. <i>Veterinary Parasitology</i> , 1997, 71, 223-237.	1.8	28
39	<i>Rhipicephalus microplus</i> lipocalins (LRMs): Genomic identification and analysis of the bovine immune response using in silico predicted B and T cell epitopes. <i>International Journal for Parasitology</i> , 2013, 43, 739-752.	3.1	24
40	Discovery of a novel iflavivirus sequence in the eastern paralysis tick <i>Ixodes holocyclus</i> . <i>Archives of Virology</i> , 2018, 163, 2451-2457.	2.1	24
41	Myosins of <i>Babesia bovis</i> : Molecular characterisation, erythrocyte invasion, and phylogeny. <i>Cytoskeleton</i> , 2002, 52, 202-220.	4.4	23
42	Interrogating the bovine reproductive tract metagenomes using culture-independent approaches: a systematic review. <i>Animal Microbiome</i> , 2021, 3, 41.	3.8	22
43	Sensitive and specific detection of bovine immunodeficiency virus and bovine syncytial virus by 5' Taq nuclease assays with fluorescent 3' minor groove binder-DNA probes. <i>Journal of Virological Methods</i> , 2004, 116, 1-9.	2.1	20
44	<i>Babesia bovis</i> : Genome size, number of chromosomes and telomeric probe hybridisation. <i>International Journal for Parasitology</i> , 1997, 27, 1569-1573.	3.1	19
45	Observation of a novel <i>Babesia</i> spp. in Eastern Grey Kangaroos (<i>Macropus giganteus</i>) in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2013, 2, 54-61.	1.5	19
46	Genetic Diversity of Tick-Borne Rickettsial Pathogens; Insights Gained from Distant Strains. <i>Pathogens</i> , 2014, 3, 57-72.	2.8	19
47	Identification of new transposable genetic elements in <i>Burkholderia pseudomallei</i> using subtractive hybridisation. <i>FEMS Microbiology Letters</i> , 2000, 183, 73-79.	1.8	17
48	Peripheral cellular and humoral responses to infestation with the cattle tick <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , 2017, 39, e12402.	1.5	17
49	Detection of <i>Eimeria acervulina</i> using the Polymerase Chain Reaction. <i>Avian Diseases</i> , 1998, 42, 119.	1.0	13
50	A Review of Australian Tick Vaccine Research. <i>Vaccines</i> , 2021, 9, 1030.	4.4	13
51	Specific detection of the Old World screwworm fly, <i>Chrysomya bezziana</i> , in bulk fly trap catches using real-time PCR. <i>Medical and Veterinary Entomology</i> , 2010, 24, no-no.	1.5	12
52	Characterization of tick salivary gland and saliva alpha-galactome reveals candidate alpha-gal syndrome disease biomarkers. <i>Expert Review of Proteomics</i> , 2021, 18, 1099-1116.	3.0	12
53	Application of PCR assays to determine the genotype of <i>Babesia bovis</i> parasites isolated from cattle with clinical babesiosis soon after vaccination against tick fever. <i>Australian Veterinary Journal</i> , 2000, 78, 179-181.	1.1	11
54	Meeting the challenge of tick-borne disease control: A proposal for 1000 <i>Ixodes</i> genomes. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 213-218.	2.7	11

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55	Technical note: overcoming host contamination in bovine vaginal metagenomic samples with nanopore adaptive sequencing. <i>Journal of Animal Science</i> , 2022, 100, .	0.5	10
56	Immuno-fluorescence staining patterns of leukocyte subsets in the skin of taurine and indicine cattle. <i>Research in Veterinary Science</i> , 2013, 95, 854-860.	1.9	7
57	Local immune response to larvae of <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , 2018, 40, e12515.	1.5	7
58	The complexity of <i>Rhipicephalus (Boophilus) microplus</i> genome characterised through detailed analysis of two BAC clones. <i>BMC Research Notes</i> , 2011, 4, 254.	1.4	6
59	An Evaluation of Quantitative PCR Assays (TaqMan [®] and SYBR Green) for the Detection of <i>Babesia bigemina</i> and <i>Babesia bovis</i> , and a Novel Fluorescent-ITS1-PCR Capillary Electrophoresis Method for Genotyping <i>B. bovis</i> Isolates. <i>Veterinary Sciences</i> , 2016, 3, 23.	1.7	6
60	Immunomic Investigation of Holocyclotoxins to Produce the First Protective Anti-Venom Vaccine Against the Australian Paralysis Tick, <i>Ixodes holocyclus</i> . <i>Frontiers in Immunology</i> , 2021, 12, 744795.	4.8	6
61	Restriction fragment length polymorphism analysis of <i>Listeria monocytogenes</i> and its application to epidemiological investigations. <i>International Journal of Food Microbiology</i> , 1992, 15, 347-356.	4.7	5
62	An evaluation of the hydrogen sulphide water screening test and coliform counts for water quality assessment in rural Malaysia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1992, 86, 448-450.	1.8	5
63	Bovine cysticercosis – Development of a real-time PCR to enhance classification of suspect cysts identified at meat inspection. <i>Veterinary Parasitology</i> , 2013, 194, 65-69.	1.8	5
64	Comparison of Protein Gut Samples from <i>Rhipicephalus</i> spp. Using a Crude and an Innovative Preparation Method for Proteome Analysis. <i>Veterinary Sciences</i> , 2018, 5, 30.	1.7	5
65	Allelic Variation in Protein Tyrosine Phosphatase Receptor Type-C in Cattle Influences Erythrocyte, Leukocyte and Humoral Responses to Infestation With the Cattle Tick <i>Rhipicephalus australis</i> . <i>Frontiers in Immunology</i> , 2021, 12, 675979.	4.8	4
66	Development and Validation of Novel PCR Assays for the Diagnosis of Bovine Stephanofilariasis and Detection of <i>Stephanofilaria</i> sp. Nematodes in Vector Flies. <i>Pathogens</i> , 2021, 10, 1211.	2.8	4
67	Relationships between vaccine and virulent strains of <i>Babesia bovis</i> during co-infection in calves. <i>Australian Veterinary Journal</i> , 1998, 76, 57-58.	1.1	4
68	Detection of antibody to canine parvovirus in dog sera by enzyme immunoassay. <i>Australian Veterinary Journal</i> , 1987, 64, 220-221.	1.1	3
69	Extracellular expression of the HT1 neurotoxin from the Australian paralysis tick in two <i>Saccharomyces cerevisiae</i> strains. <i>Toxicon</i> , 2017, 140, 1-10.	1.6	3
70	Purification of Biotinylated Cell Surface Proteins from <i>Rhipicephalus microplus</i> Epithelial Gut Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
71	“One Health” solutions for ticks and tick-borne diseases, and rickettsial pathogens of humans, domestic animals and wildlife. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1604-1605.	2.7	3
72	Serum proteomes of Santa Gertrudis cattle before and after infestation with <i>Rhipicephalus australis</i> ticks. <i>Parasite Immunology</i> , 2021, 43, e12836.	1.5	3

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73	Detection and distribution of <i>Stephanofilaria</i> sp. in buffalo flies and buffalo fly lesions in north Australian beef cattle. <i>Veterinary Parasitology</i> , 2022, 305, 109715.	1.8	3
74	Transcriptional changes in the peripheral blood leukocytes from Brangus cattle before and after tick challenge with <i>Rhipicephalus australis</i> . <i>BMC Genomics</i> , 2022, 23, .	2.8	3
75	Evaluation and histological examination of a <i>Campylobacter fetus</i> subsp. <i>venerealis</i> small animal infection model. <i>Research in Veterinary Science</i> , 2015, 99, 1-9.	1.9	2
76	Report from the "One Health"™ 9th Tick and Tick-Borne Pathogen Conference and the 1st Asia-Pacific Rickettsia Conference, Cairns, Australia, 27 August"1 September 2017. <i>Veterinary Sciences</i> , 2018, 5, 85.	1.7	2
77	Evaluation of Host Depletion and Extraction Methods for Shotgun Metagenomic Analysis of Bovine Vaginal Samples. <i>Microbiology Spectrum</i> , 2022, 10, e0041221.	3.0	2
78	Role of <i>Staphylococcus agnetis</i> and <i>Staphylococcus hyicus</i> in the Pathogenesis of Buffalo Fly Skin Lesions in Cattle. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	2
79	Draft Genome Sequences of <i>Campylobacter fetus</i> subsp. <i>venerealis</i> bv. <i>venerealis</i> Strain B6 and bv. <i>intermedius</i> Strain 642-21. <i>Genome Announcements</i> , 2014, 2, .	0.8	1
80	The Enigma of Identifying New Cattle Tick Vaccine Antigens. , 2019, , .		1
81	Comparative genomic analysis of non-coding sequences and the application of RNA interference tools for bovine functional genomics. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 995.	1.0	1
82	Editorial: Ticks and Host Immunity " New Strategies for Controlling Ticks and Tick-Borne Pathogens. <i>Frontiers in Immunology</i> , 2021, 12, 796558.	4.8	1
83	Proteomics as a Potential Tool for Identifying Biomarkers for Host Resistance to Cattle Tick. <i>Proceedings (mdpi)</i> , 2019, 36, 131.	0.2	0
84	Detection of <i>Stephanofilaria</i> (Nematoda: Filariidae) in Buffalo Fly Lesions. <i>Proceedings (mdpi)</i> , 2019, 36, 108.	0.2	0
85	Could Australian ticks harbour emerging viral pathogens?. <i>Microbiology Australia</i> , 2018, 39, 185.	0.4	0