

Alicja Lew-Tabor

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,612
citations

136950

32
h-index

206112

48
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87
all docs

87
docs citations

87
times ranked

2274
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	Interrogating the bovine reproductive tract metagenomes using culture-independent approaches: a systematic review. <i>Animal Microbiome</i> , 2021, 3, 41.	3.8	22
8	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
9	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
10	A Review of Australian Tick Vaccine Research. <i>Vaccines</i> , 2021, 9, 1030.	4.4	13
11	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
12	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
13	Characterization of tick salivary gland and saliva alphagalactome reveals candidate alpha-gal syndrome disease biomarkers. <i>Expert Review of Proteomics</i> , 2021, 18, 1099-1116.	3.0	12
14	Cocktail Anti-Tick Vaccines: The Unforeseen Constraints and Approaches toward Enhanced Efficacies. <i>Vaccines</i> , 2020, 8, 457.	4.4	38
15	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
16	The Enigma of Identifying New Cattle Tick Vaccine Antigens. , 2019, , .		1
17	Proteomics as a Potential Tool for Identifying Biomarkers for Host Resistance to Cattle Tick. <i>Proceedings (mdpi)</i> , 2019, 36, 131.	0.2	0
18	Detection of <i>Stephanofilaria</i> (Nematoda: Filariidae) in Buffalo Fly Lesions. <i>Proceedings (mdpi)</i> , 2019, 36, 108.	0.2	0

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19	Local immune response to larvae of <i>Rhipicephalus microplus</i> in Santa Gertrudis cattle. <i>Parasite Immunology</i> , 2018, 40, e12515.	1.5	7
20	Transcriptome and toxin family analysis of the paralysis tick, <i>Ixodes holocyclus</i> . <i>International Journal for Parasitology</i> , 2018, 48, 71-82.	3.1	33
21	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
22	Discovery of a novel iflavirus sequence in the eastern paralysis tick <i>Ixodes holocyclus</i> . <i>Archives of Virology</i> , 2018, 163, 2451-2457.	2.1	24
23	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
24	"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
25	Could Australian ticks harbour emerging viral pathogens?. <i>Microbiology Australia</i> , 2018, 39, 185.	0.4	0
26	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
27	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
28	Purification of Biotinylated Cell Surface Proteins from <i>Rhipicephalus microplus</i> Epithelial Gut Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
29	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
30	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
31	Effective inhibition of thrombin by <i>Rhipicephalus microplus</i> serpin-15 (RmS-15) obtained in the yeast <i>Pichia pastoris</i> . <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 180-187.	2.7	37
32	Tick holocyclotoxins trigger host paralysis by presynaptic inhibition. <i>Scientific Reports</i> , 2016, 6, 29446.	3.3	31
33	Strategies for new and improved vaccines against ticks and tick-borne diseases. <i>Parasite Immunology</i> , 2016, 38, 754-769.	1.5	122
34	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
35	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
36	<i>Rhipicephalus microplus</i> serine protease inhibitor family: annotation, expression and functional characterisation assessment. <i>Parasites and Vectors</i> , 2015, 8, 7.	2.5	34

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37	Genetic Diversity of Tick-Borne Rickettsial Pathogens; Insights Gained from Distant Strains. <i>Pathogens</i> , 2014, 3, 57-72.	2.8	19
38	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
39	<i>Rhipicephalus (Boophilus) microplus</i> tick in vitro feeding methods for functional (dsRNA) and vaccine candidate (antibody) screening. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 500-510.	2.7	37
40	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
41	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
42	<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
43	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
44	Comparative analysis of <i>Tritrichomonas foetus</i> (Riedmüller, 1928) cat genotype, <i>T. foetus</i> (Riedmüller,) Tj ETQq0 0 0 rgBT /Overlock. <i>Parasitology</i> , 2012, 42, 1143-1149.	3.1	49
45	Differential recognition by tick-resistant cattle of the recombinantly expressed <i>Rhipicephalus microplus</i> serine protease inhibitor-3 (RMS-3). <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 159-169.	2.7	32
46	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
47	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
48	Gene expression evidence for off-target effects caused by RNA interference-mediated gene silencing of Ubiquitin-63E in the cattle tick <i>Rhipicephalus microplus</i> . <i>International Journal for Parasitology</i> , 2011, 41, 1001-1014.	3.1	33
49	Evolutionary conserved microRNAs are ubiquitously expressed compared to tick-specific miRNAs in the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>BMC Genomics</i> , 2011, 12, 328.	2.8	33
50	Comparative microarray analysis of <i>Rhipicephalus (Boophilus) microplus</i> expression profiles of larvae pre-attachment and feeding adult female stages on <i>Bos indicus</i> and <i>Bos taurus</i> cattle. <i>BMC Genomics</i> , 2010, 11, 437.	2.8	48
51	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
52	Local immune response against larvae of <i>Rhipicephalus (Boophilus) microplus</i> in <i>Bos taurus indicus</i> and <i>Bos taurus taurus</i> cattle. <i>International Journal for Parasitology</i> , 2010, 40, 865-875.	3.1	44
53	Suppressive subtractive hybridization analysis of <i>Rhipicephalus (Boophilus) microplus</i> larval and adult transcript expression during attachment and feeding. <i>Veterinary Parasitology</i> , 2010, 167, 304-320.	1.8	36
54	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

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55	Immunological Profiles of <i>Bos taurus</i> and <i>Bos indicus</i> Cattle Infested with the Cattle Tick, <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . Vaccine Journal, 2009, 16, 1074-1086.	3.1	86
56	Genomic analysis of <i>Campylobacter fetus</i> subspecies: identification of candidate virulence determinants and diagnostic assay targets. BMC Microbiology, 2009, 9, 86.	3.3	51
57	Identification of a mutation in the para-sodium channel gene of the cattle tick <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> associated with resistance to synthetic pyrethroid acaricides. International Journal for Parasitology, 2009, 39, 775-779.	3.1	99
58	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> . BMC Molecular Biology, 2009, 10, 26.	3.0	61
59	Real-time polymerase chain reaction (PCR) assays for the specific detection and quantification of seven <i>Eimeria</i> species that cause coccidiosis in chickens. Molecular and Cellular Probes, 2009, 23, 83-89.	2.1	52
60	Gene expression in the skin of <i>Bos taurus</i> and <i>Bos indicus</i> cattle infested with the cattle tick, <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . Veterinary Immunology and Immunopathology, 2008, 126, 110-119.	1.2	63
61	Improved detection of <i>Tritrichomonas foetus</i> in bovine diagnostic specimens using a novel probe-based real time PCR assay. Veterinary Parasitology, 2006, 141, 204-215.	1.8	56
62	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. Journal of Clinical Microbiology, 2006, 44, 938-945.	3.9	57
63	Sequence Variation and Immunologic Cross-Reactivity among <i>Babesia bovis</i> Merozoite Surface Antigen 1 Proteins from Vaccine Strains and Vaccine Breakthrough Isolates. Infection and Immunity, 2005, 73, 5388-5394.	2.2	42
64	Merozoite Surface Antigen 2 Proteins of <i>Babesia bovis</i> Vaccine Breakthrough Isolates Contain a Unique Hypervariable Region Composed of Degenerate Repeats. Infection and Immunity, 2005, 73, 7180-7189.	2.2	57
65	Genetic diversity of <i>Anaplasma</i> species major surface proteins and implications for anaplasmosis serodiagnosis and vaccine development. Animal Health Research Reviews, 2005, 6, 75-89.	3.1	122
66	Comparative genomic analysis of non-coding sequences and the application of RNA interference tools for bovine functional genomics. Australian Journal of Experimental Agriculture, 2005, 45, 995.	1.0	1
67	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
68	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. Journal of Virological Methods, 2004, 116, 1-9.	2.1	20
69	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. Veterinary Microbiology, 2003, 92, 145-160.	1.9	64
70	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. Veterinary Parasitology, 2003, 112, 33-50.	1.8	93
71	A <i>msp1</i> polymerase chain reaction assay for specific detection and differentiation of <i>Anaplasma marginale</i> isolates. Veterinary Microbiology, 2002, 86, 325-335.	1.9	75
72	Myosins of <i>Babesia bovis</i> : Molecular characterisation, erythrocyte invasion, and phylogeny. Cytoskeleton, 2002, 52, 202-220.	4.4	23

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73	Application of PCR assays to determine the genotype of Babesia bovis parasites isolated from cattle with clinical babesiosis soon after vaccination against tick fever. Australian Veterinary Journal, 2000, 78, 179-181.	1.1	11
74	Identification of new transposable genetic elements in Burkholderia pseudomallei using subtractive hybridisation. FEMS Microbiology Letters, 2000, 183, 73-79.	1.8	17
75	Detection of Eimeria acervulina using the Polymerase Chain Reaction. Avian Diseases, 1998, 42, 119.	1.0	13
76	Relationships between vaccine and virulent strains of Babesia bovis during co-infection in calves. Australian Veterinary Journal, 1998, 76, 57-58.	1.1	4
77	Babesia bovis: Genome size, number of chromosomes and telomeric probe hybridisation. International Journal for Parasitology, 1997, 27, 1569-1573.	3.1	19
78	PCR methods for the discrimination of Babesia bovis isolates. Veterinary Parasitology, 1997, 71, 223-237.	1.8	28
79	Genotypic diversity in field isolates of Babesia bovis from cattle with babesiosis after vaccination. Australian Veterinary Journal, 1997, 75, 575-578.	1.1	31
80	Studies on failure of T strain live Babesia bovis vaccine. Australian Veterinary Journal, 1995, 72, 296-300.	1.1	50
81	Detection of Pseudomonas pseudomallei by PCR and hybridization. Journal of Clinical Microbiology, 1994, 32, 1326-1332.	3.9	45
82	Molecular typing of Pseudomonas pseudomallei: restriction fragment length polymorphisms of rRNA genes. Journal of Clinical Microbiology, 1993, 31, 533-539.	3.9	46
83	Restriction fragment length polymorphism analysis of Listeria monocytogenes and its application to epidemiological investigations. International Journal of Food Microbiology, 1992, 15, 347-356.	4.7	5
84	An evaluation of the hydrogen sulphide water screening test and coliform counts for water quality assessment in rural Malaysia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 448-450.	1.8	5
85	Detection of antibody to canine parvovirus in dog sera by enzyme immunoassay. Australian Veterinary Journal, 1987, 64, 220-221.	1.1	3