

Jacqueline B Matthews

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2110151/publications.pdf>

Version: 2024-02-01

43
papers

1,151
citations

361413

20
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthelmintic resistance in equine nematodes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 310-315.	3.4	138
2	Successful immunization against a parasitic nematode by vaccination with recombinant proteins. <i>Vaccine</i> , 2013, 31, 4017-4023.	3.8	87
3	Anthelmintic efficacy on UK Thoroughbred stud farms. <i>International Journal for Parasitology</i> , 2014, 44, 507-514.	3.1	83
4	An automated high-throughput system for phenotypic screening of chemical libraries on <i>C. elegans</i> and parasitic nematodes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 8-21.	3.4	71
5	Heritable, Heterogeneous, and Costly Resistance of Sheep against Nematodes and Potential Feedbacks to Epidemiological Dynamics. <i>American Naturalist</i> , 2014, 184, S58-S76.	2.1	60
6	A preliminary proteomic characterisation of extracellular vesicles released by the ovine parasitic nematode, <i>Teladorsagia circumcincta</i> . <i>Veterinary Parasitology</i> , 2016, 221, 84-92.	1.8	53
7	Recent developments in research into the Cyathostominae and <i>Anoplocephala perfoliata</i> . <i>Veterinary Research</i> , 2004, 35, 371-381.	3.0	45
8	Strongyle egg reappearance period after moxidectin treatment and its relationship with management factors in UK equine populations. <i>Veterinary Parasitology</i> , 2017, 237, 70-76.	1.8	44
9	Characterisation of IgG(T) serum antibody responses to two larval antigen complexes in horses naturally- or experimentally-infected with cyathostomins. <i>International Journal for Parasitology</i> , 2004, 34, 101-108.	3.1	34
10	Protection of ewes against <i>Teladorsagia circumcincta</i> infection in the periparturient period by vaccination with recombinant antigens. <i>Veterinary Parasitology</i> , 2016, 228, 130-136.	1.8	32
11	Suppression of ovine lymphocyte activation by <i>Teladorsagia circumcincta</i> larval excretory-secretory products. <i>Veterinary Research</i> , 2013, 44, 70.	3.0	31
12	Determination of genomic DNA sequences for beta-tubulin isotype 1 from multiple species of cyathostomin and detection of resistance alleles in third-stage larvae from horses with naturally acquired infections. <i>Parasites and Vectors</i> , 2009, 2, S6.	2.5	30
13	An Alternative Strategy for Trypanosome Survival in the Mammalian Bloodstream Revealed through Genome and Transcriptome Analysis of the Ubiquitous Bovine Parasite <i>Trypanosoma (Megatrypanum) theileri</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 2093-2109.	2.5	29
14	A survey of the level of horse owner uptake of evidence-based anthelmintic treatment protocols for equine helminth control in the UK. <i>Veterinary Parasitology</i> , 2019, 274, 108926.	1.8	28
15	Identification and characterisation of an immunodiagnostic marker for cyathostomin developing stage larvae. <i>International Journal for Parasitology</i> , 2010, 40, 265-275.	3.1	27
16	The rational simplification of a recombinant cocktail vaccine to control the parasitic nematode <i>Teladorsagia circumcincta</i> . <i>International Journal for Parasitology</i> , 2019, 49, 257-265.	3.1	26
17	Nematode acetylcholinesterases are encoded by multiple genes and perform non-overlapping functions. <i>Chemo-Biological Interactions</i> , 2005, 157-158, 263-268.	4.0	23
18	Cloning and expression of two secretory acetylcholinesterases from the bovine lungworm, <i>Dictyocaulus viviparus</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 132, 83-92.	1.1	22

#	ARTICLE	IF	CITATIONS
19	The in vitro diagnosis of anthelmintic resistance in cyathostomins. <i>Veterinary Parasitology</i> , 2012, 185, 25-31.	1.8	22
20	Effect of hay dust extract and cyathostomin antigen stimulation on cytokine expression by PBMC in horses with recurrent airway obstruction. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 229-237.	1.2	22
21	Targeting Cattle-Borne Zoonoses and Cattle Pathogens Using a Novel Trypanosomatid-Based Delivery System. <i>PLoS Pathogens</i> , 2011, 7, e1002340.	4.7	19
22	Equine de-worming: a consensus on current best practice. <i>UK-Vet Equine</i> , 2019, 3, 1-14.	0.1	19
23	Biomarkers for ragwort poisoning in horses: identification of protein targets. <i>BMC Veterinary Research</i> , 2008, 4, 30.	1.9	16
24	Development of a recombinant protein-based ELISA for diagnosis of larval cyathostomin infection. <i>Parasitology</i> , 2016, 143, 1055-1066.	1.5	16
25	Investigating interactions between UK horse owners and prescribers of anthelmintics. <i>Preventive Veterinary Medicine</i> , 2016, 135, 17-27.	1.9	16
26	Ovine IgA-reactive proteins from <i>Teladorsagia circumcincta</i> infective larvae. <i>International Journal for Parasitology</i> , 2014, 44, 743-750.	3.1	15
27	Characterisation of serum IgG(T) responses to potential diagnostic antigens for equine cyathostominosis. <i>International Journal for Parasitology</i> , 2020, 50, 289-298.	3.1	15
28	Anthelmintic resistance in equine helminths and mitigating its effects. <i>In Practice</i> , 2016, 38, 489-499.	0.2	14
29	A survey of experiences of UK cattle and sheep farmers with anthelmintic prescribers; Are best practice principles being deployed at farm level?. <i>Preventive Veterinary Medicine</i> , 2018, 155, 27-37.	1.9	14
30	Development of the larval migration inhibition test for comparative analysis of ivermectin sensitivity in cyathostomin populations. <i>Veterinary Parasitology</i> , 2015, 212, 292-298.	1.8	13
31	Use of a multiple choice questionnaire to assess UK prescribing channelsâ€™ knowledge of helminthology and best practice surrounding anthelmintic use in livestock and horses. <i>Preventive Veterinary Medicine</i> , 2016, 128, 70-77.	1.9	12
32	A putative neuromuscular acetylcholinesterase gene from <i>Dictyocaulus viviparus</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 136, 313-317.	1.1	10
33	Impacts of breed type and vaccination on <i>Teladorsagia circumcincta</i> infection in native sheep in Gran Canaria. <i>Veterinary Research</i> , 2019, 50, 29.	3.0	9
34	A tetrameric acetylcholinesterase from the parasitic nematode <i>Dictyocaulus viviparus</i> associates with the vertebrate tail proteins PRiMA and ColQ. <i>Molecular and Biochemical Parasitology</i> , 2012, 181, 40-48.	1.1	8
35	Cellular and humoral immune responses associated with protection in sheep vaccinated against <i>Teladorsagia circumcincta</i> . <i>Veterinary Research</i> , 2021, 52, 89.	3.0	7
36	Differences in the protection elicited by a recombinant <i>Teladorsagia circumcincta</i> vaccine in weaned lambs of two Canarian sheep breeds. <i>Veterinary Parasitology</i> , 2022, 306, 109722.	1.8	6

#	ARTICLE	IF	CITATIONS
37	Vaccine-induced time- and age-dependent mucosal immunity to gastrointestinal parasite infection. <i>Npj Vaccines</i> , 2022, 7, .	6.0	6
38	GTP-Cyclohydrolase and development in <i>Teladorsagia circumcincta</i> and <i>Dictyocaulus viviparus</i> (Nematoda: Strongylida). <i>Experimental Parasitology</i> , 2011, 128, 309-317.	1.2	5
39	Integrating immune mechanisms to model nematode worm burden: an example in sheep. <i>Parasitology</i> , 2016, 143, 894-904.	1.5	5
40	A survey of UK prescribers' experience of, and opinions on, anthelmintic prescribing practices for livestock and equines. <i>Preventive Veterinary Medicine</i> , 2016, 134, 69-81.	1.9	5
41	Comparative Sensitivity and Specificity of the 7SL sRNA Diagnostic Test for Animal Trypanosomiasis. <i>Frontiers in Veterinary Science</i> , 2022, 9, 868912.	2.2	5
42	Melanisation of <i>Teladorsagia circumcincta</i> larvae exposed to sunlight: A role for GTP-cyclohydrolase in nematode survival. <i>International Journal for Parasitology</i> , 2012, 42, 887-891.	3.1	4
43	Identification of a LIM domain-containing gene in the Cyathostominae. <i>Veterinary Parasitology</i> , 2008, 154, 82-93.	1.8	2