

Nd Sargison

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,089
citations

201674

27
h-index

197818

49
g-index

123
all docs

123
docs citations

123
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	A loop-mediated isothermal amplification (LAMP) assay to identify isotype 1 β -tubulin locus SNPs in synthetic double-stranded <i>Haemonchus contortus</i> DNA. <i>Journal of Parasitic Diseases</i> , 2022, 46, 47-55.	1.0	2
2	Observations on presumptive lumpy skin disease in native cattle and Asian water buffaloes around the tiger reserves of the central Indian highlands. <i>New Zealand Veterinary Journal</i> , 2022, 70, 101-108.	0.9	8
3	Phenotypic and genotypic analysis of benzimidazole resistance in reciprocal genetic crosses of <i>Haemonchus contortus</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2022, 18, 1-11.	3.4	3
4	Current methods for the detection of <i>Plasmodium</i> parasite species infecting humans. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2022, 2, 100086.	1.9	4
5	A novel metabarcoded deep amplicon sequencing tool for disease surveillance and determining the species composition of <i>Trypanosoma</i> in cattle and other farm animals. <i>Acta Tropica</i> , 2022, 230, 106416.	2.0	3
6	Transcriptomic analyses implicate neuronal plasticity and chloride homeostasis in ivermectin resistance and response to treatment in a parasitic nematode. <i>PLoS Pathogens</i> , 2022, 18, e1010545.	4.7	19
7	Conjunctival mucous membrane colour as an indicator for the targeted selective treatment of haemonchosis and of the general health status of peri-urban smallholder goats in southern Malawi. <i>Preventive Veterinary Medicine</i> , 2021, 186, 105225.	1.9	6
8	Contrasting population genetics of co-endemic cattle- and buffalo- derived <i>Theileria annulata</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101595.	2.7	7
9	Nemabiome metabarcoding reveals differences between gastrointestinal nematode species infecting co-grazed sheep and goats. <i>Veterinary Parasitology</i> , 2021, 289, 109339.	1.8	7
10	Colibacillary arthritis and severe osteomyelitis in lame goat kids due to management procedures. <i>Veterinary Record Case Reports</i> , 2021, 9, e6.	0.2	1
11	Risk factors associated with <i>Ctenocephalides felis</i> flea infestation of peri-urban goats: a neglected parasite in an under-appreciated host. <i>Tropical Animal Health and Production</i> , 2021, 53, 181.	1.4	6
12	Identifying knowledge gaps in <i>Moniezia expansa</i> epidemiology: a report of a small intestinal torsion in a 5-week-old lamb. <i>New Zealand Veterinary Journal</i> , 2021, 69, 186-189.	0.9	5
13	Phylogenetic analysis suggests single and multiple origins of dihydrofolate reductase mutations in <i>Plasmodium vivax</i> . <i>Acta Tropica</i> , 2021, 215, 105821.	2.0	5
14	Distribution and Severity of Placental Lesions Caused by the <i>Chlamydia abortus</i> 1B Vaccine Strain in Vaccinated Ewes. <i>Pathogens</i> , 2021, 10, 543.	2.8	5
15	Molecular confirmation of <i>Dicrocoelium dendriticum</i> in the Himalayan ranges of Pakistan. <i>Parasitology International</i> , 2021, 81, 102276.	1.3	4
16	A 4-year observation of gastrointestinal nematode egg counts, nemabiomes and the benzimidazole resistance genotypes of <i>Teladorsagia circumcincta</i> on a Scottish sheep farm. <i>International Journal for Parasitology</i> , 2021, 51, 393-403.	3.1	21
17	Livestock vaccination programme participation among smallholder farmers on the outskirts of National Parks and Tiger Reserves in the Indian states of Madhya Pradesh and Assam. <i>PLoS ONE</i> , 2021, 16, e0256684.	2.5	5
18	High-throughput sequencing of <i>Fasciola</i> spp. shows co-infection and intermediate forms in Balochistan, but only <i>Fasciola gigantica</i> in the Punjab province of Pakistan. <i>Infection, Genetics and Evolution</i> , 2021, 94, 105012.	2.3	7

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19	Practices employed by veterinary practitioners for controlling canine gastrointestinal helminths and ectoparasites. <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e007021.	0.7	1
20	Contrasting patterns of isotype-1 β -tubulin allelic diversity in <i>Haemonchus contortus</i> and <i>Haemonchus placei</i> in the southern USA are consistent with a model of localised emergence of benzimidazole resistance. <i>Veterinary Parasitology</i> , 2020, 286, 109240.	1.8	10
21	Genomic and transcriptomic variation defines the chromosome-scale assembly of <i>Haemonchus contortus</i> , a model gastrointestinal worm. <i>Communications Biology</i> , 2020, 3, 656.	4.4	91
22	Haemonchosis: dealing with the increasing threat of the barber's pole worm. <i>Livestock</i> , 2020, 25, 237-246.	0.2	1
23	Genetic diversity and multiplicity of infection in <i>Fasciola gigantica</i> isolates of Pakistani livestock. <i>Parasitology International</i> , 2020, 76, 102071.	1.3	12
24	The critical importance of planned small ruminant livestock health and production in addressing global challenges surrounding food production and poverty alleviation. <i>New Zealand Veterinary Journal</i> , 2020, 68, 136-144.	0.9	25
25	A novel metabarcoded 18S ribosomal DNA sequencing tool for the detection of <i>Plasmodium</i> species in malaria positive patients. <i>Infection, Genetics and Evolution</i> , 2020, 82, 104305.	2.3	12
26	Investigation of a gamasid mite infestation in a UK textile mill caused by <i>Dermanyssus gallinae</i> (DeGeer.). <i>Trends in Parasitology</i> , 2020, 35, 100-109.	1.3	9
27	The 1B vaccine strain of <i>Chlamydia abortus</i> produces placental pathology indistinguishable from a wild type infection. <i>PLoS ONE</i> , 2020, 15, e0242526.	2.5	16
28	Animal health perceptions and challenges among smallholder farmers around Kaziranga National Park, Assam, India: A study using participatory epidemiological techniques. <i>PLoS ONE</i> , 2020, 15, e0237902.	2.5	0
29	Immune-mediated haemolytic anaemia secondary to haemotrophic mycoplasma infection in a pet ewe. <i>Veterinary Record Case Reports</i> , 2020, 8, e001172.	0.2	0
30	The potential of small ruminant farming as a means of poverty alleviation in rural southern India. <i>Tropical Animal Health and Production</i> , 2019, 51, 303-311.	1.4	17
31	Development of amplicon sequencing for the analysis of benzimidazole resistance allele frequencies in field populations of gastrointestinal nematodes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 10, 92-100.	3.4	25
32	Performance of the <i>Psoroptes ovis</i> antibody enzyme-linked immunosorbent assay in the face of low-level mite infestation. <i>Veterinary Record</i> , 2019, 185, 107-107.	0.3	12
33	The confounding effects of high genetic diversity on the determination and interpretation of differential gene expression analysis in the parasitic nematode <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , 2019, 49, 847-858.	3.1	10
34	The dynamics of ovine gastrointestinal nematode infections within ewe and lamb cohorts on three Scottish sheep farms. <i>Preventive Veterinary Medicine</i> , 2019, 171, 104752.	1.9	11
35	Veterinary Control of Reproduction in Beef Herds. , 2019, , 493-499.		0
36	Refugia and anthelmintic resistance: Concepts and challenges. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 10, 51-57.	3.4	65

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37	Planning anthelmintic treatments to control gastrointestinal nematode infections in sheep. <i>Livestock</i> , 2019, 24, 4-8.	0.2	0
38	Multigeneric resistance to monepantel on a UK sheep farm. <i>Veterinary Parasitology</i> : X, 2019, 276, 100003.	2.7	8
39	Mating barriers between genetically divergent strains of the parasitic nematode <i>Haemonchus contortus</i> suggest incipient speciation. <i>International Journal for Parasitology</i> , 2019, 49, 531-540.	3.1	10
40	Population genomic and evolutionary modelling analyses reveal a single major QTL for ivermectin drug resistance in the pathogenic nematode, <i>Haemonchus contortus</i> . <i>BMC Genomics</i> , 2019, 20, 218.	2.8	68
41	A high throughput deep amplicon sequencing method to show the emergence and spread of <i>Calicophoron daubneyi</i> rumen fluke infection in United Kingdom cattle herds. <i>Veterinary Parasitology</i> , 2019, 268, 9-15.	1.8	17
42	Development of a deep amplicon sequencing method to determine the species composition of piroplasm haemoprotozoa. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 101276.	2.7	23
43	Selective sweep and phylogenetic models for the emergence and spread of pyrimethamine resistance mutations in <i>Plasmodium vivax</i> . <i>Infection, Genetics and Evolution</i> , 2019, 68, 221-230.	2.3	10
44	Spread and impact of goat pox (â€œsagolay bohontaâ€œ) in a village smallholder community around Kaziranga National Park, Assam, India. <i>Tropical Animal Health and Production</i> , 2019, 51, 819-829.	1.4	9
45	Emergence and the spread of the F200Y benzimidazole resistance mutation in <i>Haemonchus contortus</i> and <i>Haemonchus placei</i> from buffalo and cattle. <i>Veterinary Parasitology</i> , 2019, 265, 48-54.	1.8	24
46	Husbandry procedures at the point of lambing with reference to perinatal lamb mortality. <i>Veterinary Record</i> , 2018, 182, 52-52.	0.3	5
47	A Genome Resequencing-Based Genetic Map Reveals the Recombination Landscape of an Outbred Parasitic Nematode in the Presence of Polyploidy and Polyandry. <i>Genome Biology and Evolution</i> , 2018, 10, 396-409.	2.5	58
48	A method for single pair mating in an obligate parasitic nematode. <i>International Journal for Parasitology</i> , 2018, 48, 159-165.	3.1	11
49	Assessment of gastrointestinal nematode infection, anthelmintic usage and husbandry practices on two small-scale goat farms in Malaysia. <i>Tropical Animal Health and Production</i> , 2018, 50, 581-587.	1.4	8
50	Delivery and evaluation of participatory education for animal keepers led by veterinarians and para-veterinarians around the Kanha Tiger Reserve, Madhya Pradesh, India. <i>PLoS ONE</i> , 2018, 13, e0200999.	2.5	9
51	Molecular confirmation of <i>Hymenolepis hibernia</i> in field mice (<i>Apodemus sylvaticus</i>) from St Kilda has potential to resolve a host-parasite relationship. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 364-368.	1.5	5
52	The impact of anthelmintic drugs on weight gain of smallholder goats in subtropical regions. <i>Preventive Veterinary Medicine</i> , 2018, 159, 72-81.	1.9	8
53	First genetic evidence for the presence of the rumen fluke <i>Paramphistomum epiclitum</i> in Pakistan. <i>Parasitology International</i> , 2018, 67, 533-537.	1.3	14
54	Lack of efficacy of monepantel against trichostrongyle nematodes in a UK sheep flock. <i>Veterinary Parasitology</i> , 2018, 257, 48-53.	1.8	24

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55	Hidden in plain sight - Multiple resistant species within a strongyle community. <i>Veterinary Parasitology</i> , 2018, 258, 79-87.	1.8	15
56	Population genetics of benzimidazole-resistant <i>Haemonchus contortus</i> and <i>Haemonchus placei</i> from buffalo and cattle: implications for the emergence and spread of resistance mutations. <i>Parasitology Research</i> , 2018, 117, 3575-3583.	1.6	14
57	A quantitative analysis of attitudes and behaviours concerning sustainable parasite control practices from Scottish sheep farmers. <i>Preventive Veterinary Medicine</i> , 2017, 139, 134-145.	1.9	33
58	Morphological and molecular identification of <i>Explanatum explanatum</i> in domestic water buffalo in Pakistan. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2017, 8, 54-59.	0.5	9
59	Evaluation of molecular methods for the field study of the natural history of <i>Dicrocoelium dendriticum</i> . <i>Veterinary Parasitology</i> , 2017, 235, 100-105.	1.8	8
60	Estimation of the impact of <i>Fasciola hepatica</i> infection on time taken for UK beef cattle to reach slaughter weight. <i>Scientific Reports</i> , 2017, 7, 7319.	3.3	60
61	Proof of concept of faecal egg nematode counting as a practical means of veterinary engagement with planned livestock health management in a lower income country. <i>Irish Veterinary Journal</i> , 2017, 70, 16.	2.1	5
62	Managing disease risks. , 2017, , 197-210.		0
63	Maintaining sheep flock health: an overview. <i>Burleigh Dodds Series in Agricultural Science</i> , 2017, , 221-244.	0.2	1
64	Investigation and treatment of ovine psoroptic otoacariasis. <i>Veterinary Dermatology</i> , 2016, 27, 206.	1.2	2
65	Macrocyclic lactone resistance on new grass leys – the putative role of accidental “dose-and-move” strategies due to use of persistent macrocyclic lactone products. <i>Livestock</i> , 2016, 21, 174-178.	0.2	0
66	Keys to solving health problems in small ruminants: Anthelmintic resistance as a threat to sustainable nematode control. <i>Small Ruminant Research</i> , 2016, 142, 11-15.	1.2	18
67	The Pathophysiology, Ecology and Epidemiology of <i>Haemonchus contortus</i> Infection in Small Ruminants. <i>Advances in Parasitology</i> , 2016, 93, 95-143.	3.2	160
68	Diagnosis, Treatment and Management of <i>Haemonchus contortus</i> in Small Ruminants. <i>Advances in Parasitology</i> , 2016, 93, 181-238.	3.2	109
69	Gastrointestinal nematode species diversity in Soay sheep kept in a natural environment without active parasite control. <i>Veterinary Parasitology</i> , 2016, 227, 1-7.	1.8	11
70	Observations on the biology, epidemiology and economic relevance of rumen flukes (<i>Paramphistomidae</i>) in cattle kept in a temperate environment. <i>Veterinary Parasitology</i> , 2016, 219, 7-16.	1.8	35
71	Ruminant coprological examination: beyond the McMaster slide. <i>In Practice</i> , 2015, 37, 68-76.	0.2	7
72	Patterns of faecal nematode egg shedding after treatment of sheep with a long-acting formulation of moxidectin. <i>Veterinary Parasitology</i> , 2015, 212, 275-280.	1.8	5

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73	Identification of the 1B vaccine strain of <i>Chlamydia abortus</i> in aborted placentas during the investigation of toxæmic and systemic disease in sheep. <i>New Zealand Veterinary Journal</i> , 2015, 63, 284-287.	0.9	17
74	Diagnosis and management of venereal campylobacteriosis in beef cattle. <i>BMC Veterinary Research</i> , 2014, 10, 280.	1.9	20
75	Retinopathy and optic neuropathy following closantel treatment of ewes. <i>Veterinary Record Case Reports</i> , 2014, 2, e000044.	0.2	4
76	Preliminary observations on the value of using effective anthelmintic drugs to control nematode parasitism in lambs in the face of a high level of infective larval challenge. <i>Small Ruminant Research</i> , 2014, 119, 172-175.	1.2	5
77	Sustainable helminth control practices in the United Kingdom. <i>Small Ruminant Research</i> , 2014, 118, 35-40.	1.2	5
78	Production impact of a targeted selective treatment system based on liveweight gain in a commercial flock. <i>Veterinary Journal</i> , 2014, 200, 248-252.	1.7	31
79	Addressing sustainable sheep farming: Application of a targeted selective treatment approach for anthelmintic use on a commercial farm. <i>Small Ruminant Research</i> , 2013, 110, 100-103.	1.2	18
80	The genome and transcriptome of <i>Haemonchus contortus</i> , a key model parasite for drug and vaccine discovery. <i>Genome Biology</i> , 2013, 14, R88.	9.6	293
81	Identification of the rumen fluke, <i>Calicophoron daubneyi</i> , in GB livestock: possible implications for liver fluke diagnosis. <i>Veterinary Parasitology</i> , 2013, 195, 65-71.	1.8	81
82	Understanding the epidemiology of gastrointestinal parasitic infections in sheep: What does a faecal helminth egg count tell us?. <i>Small Ruminant Research</i> , 2013, 110, 78-81.	1.2	25
83	Introgression of Ivermectin Resistance Genes into a Susceptible <i>Haemonchus contortus</i> Strain by Multiple Backcrossing. <i>PLoS Pathogens</i> , 2012, 8, e1002534.	4.7	62
84	Diagnosis of triclabendazole resistance in <i>Fasciola hepatica</i> . <i>Veterinary Record</i> , 2012, 171, 151-152.	0.3	20
85	Confirmation of triclabendazole resistance in liver fluke in the UK. <i>Veterinary Record</i> , 2012, 171, 159-160.	0.3	67
86	Hepatogenous photosensitisation in Scottish sheep caused by <i>Dicrocoelium dendriticum</i> . <i>Veterinary Parasitology</i> , 2012, 189, 233-237.	1.8	25
87	Use of a long acting injectable formulation of moxidectin to control the periparturient rise in faecal <i>Teladorsagia circumcincta</i> egg output of ewes. <i>Veterinary Parasitology</i> , 2012, 189, 274-283.	1.8	16
88	Pharmaceutical treatments of gastrointestinal nematode infections of sheep – Future of anthelmintic drugs. <i>Veterinary Parasitology</i> , 2012, 189, 79-84.	1.8	66
89	On farm evaluation of the coproantigen ELISA and coproantigen reduction test in Scottish sheep naturally infected with <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2012, 187, 436-444.	1.8	64
90	Pharmaceutical Control of Endoparasitic Helminth Infections in Sheep. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2011, 27, 139-156.	1.2	33

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91	Effects of age and immune suppression of sheep on fecundity, hatching and larval feeding of different strains of <i>Haemonchus contortus</i> . <i>Veterinary Journal</i> , 2011, 189, 296-301.	1.7	9
92	Ultrasonography as an adjunct to clinical examination in sheep. <i>Small Ruminant Research</i> , 2010, 92, 108-119.	1.2	33
93	The implementation and value of diagnostic procedures in sheep health management. <i>Small Ruminant Research</i> , 2010, 92, 2-9.	1.2	18
94	Climate change and infectious disease: helminthological challenges to farmed ruminants in temperate regions. <i>Animal</i> , 2010, 4, 377-392.	3.3	193
95	Clinical Forum: Fasciolosis in sheep and cattle Part 2: Diagnosis and management. <i>Livestock</i> , 2010, 15, 41-48.	0.0	0
96	Supply of trace element supplements and unbranded anthelmintics for sheep. <i>Veterinary Record</i> , 2009, 165, 215-216.	0.3	1
97	Relative inefficacy of pour-on macrocyclic lactone anthelmintic treatments against <i>Cooperia</i> species in Highland calves. <i>Veterinary Record</i> , 2009, 164, 603-604.	0.3	23
98	Sheep helminth parasitic disease in south eastern Scotland arising as a possible consequence of climate change. <i>Veterinary Parasitology</i> , 2009, 163, 293-297.	1.8	114
99	Anthelmintic resistance in <i>Teladorsagia circumcincta</i> in sheep in the UK. <i>Veterinary Record</i> , 2007, 161, 535-536.	0.3	18
100	Controlling sheep scab by eradication. <i>Veterinary Record</i> , 2007, 160, 491-492.	0.3	14
101	Observations on the emergence of multiple anthelmintic resistance in sheep flocks in the south-east of Scotland. <i>Veterinary Parasitology</i> , 2007, 145, 65-76.	1.8	118
102	Haemonchosis and teladorsagiosis in a Scottish sheep flock putatively associated with the overwintering of hypobiotic fourth stage larvae. <i>Veterinary Parasitology</i> , 2007, 147, 326-331.	1.8	50
103	A small scale survey of ivermectin resistance in sheep nematodes using the faecal egg count reduction test on samples collected from Scottish sheep. <i>Veterinary Parasitology</i> , 2006, 137, 112-118.	1.8	53
104	Sheep scab control in UK flocks. <i>Veterinary Record</i> , 2006, 158, 309-309.	0.3	7
105	Regional control of sheep scab in UK flocks. <i>In Practice</i> , 2006, 28, 62-69.	0.2	16
106	Further characterisation of a triple resistant field isolate of <i>Teladorsagia</i> from a Scottish lowland sheep farm. <i>Veterinary Parasitology</i> , 2005, 134, 261-266.	1.8	28
107	An outbreak of subacute fasciolosis in Soay sheep: Ultrasonographic biochemical and histological studies. <i>Veterinary Journal</i> , 2005, 170, 325-331.	1.7	28
108	Hypomagnesaemic tetany in lactating Cheviot gimmers associated with pasture sodium deficiency. <i>Veterinary Record</i> , 2004, 155, 674-676.	0.3	8

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109	Characterisation of two triple resistant field isolates of <i>Teladorsagia</i> from Scottish lowland sheep farms. <i>Veterinary Parasitology</i> , 2004, 123, 189-199.	1.8	85
110	Multiple anthelmintic resistance in sheep. <i>Veterinary Record</i> , 2001, 149, 778-9.	0.3	49
111	The effects of age, weaning, drench volume and yarding on ruminoreticulum bypass in sheep, with reference to the anthelmintic efficacy of benzimidazole drenches. <i>New Zealand Veterinary Journal</i> , 1998, 46, 20-27.	0.9	10
112	Differential diagnosis and treatment of sheep scab. <i>In Practice</i> , 1995, 17, 3-9.	0.2	22
113	Effect of an outbreak of sheep scab (<i>Psoroptes ovis</i> infestation) during mid-pregnancy on ewe body condition and lamb birthweight. <i>Veterinary Record</i> , 1995, 136, 287-289.	0.3	37