

Nd Sargison

List of Publications by Year in descending order

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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	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
2	Climate change and infectious disease: helminthological challenges to farmed ruminants in temperate regions. <i>Animal</i> , 2010, 4, 377-392.	3.3	193
3	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
4	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
5	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
6	Diagnosis, Treatment and Management of <i>Haemonchus contortus</i> in Small Ruminants. <i>Advances in Parasitology</i> , 2016, 93, 181-238.	3.2	109
7	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
8	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
9	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
10	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
11	Confirmation of triclabendazole resistance in liver fluke in the UK. <i>Veterinary Record</i> , 2012, 171, 159-160.	0.3	67
12	Pharmaceutical treatments of gastrointestinal nematode infections of sheep—Future of anthelmintic drugs. <i>Veterinary Parasitology</i> , 2012, 189, 79-84.	1.8	66
13	Refugia and anthelmintic resistance: Concepts and challenges. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 10, 51-57.	3.4	65
14	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
15	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
16	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
17	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
18	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

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19	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
20	Multiple anthelmintic resistance in sheep. <i>Veterinary Record</i> , 2001, 149, 778-9.	0.3	49
21	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
22	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
23	Ultrasonography as an adjunct to clinical examination in sheep. <i>Small Ruminant Research</i> , 2010, 92, 108-119.	1.2	33
24	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
25	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
26	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
27	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
28	An outbreak of subacute fasciolosis in Soay sheep: Ultrasonographic biochemical and histological studies. <i>Veterinary Journal</i> , 2005, 170, 325-331.	1.7	28
29	Hepatogenous photosensitisation in Scottish sheep casued by <i>Dicrocoelium dendriticum</i> . <i>Veterinary Parasitology</i> , 2012, 189, 233-237.	1.8	25
30	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
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	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
33	Lack of efficacy of monepantel against trichostrongyle nematodes in a UK sheep flock. <i>Veterinary Parasitology</i> , 2018, 257, 48-53.	1.8	24
34	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
35	Relative inefficacy of pouracel macrocyclic lactone anthelmintic treatments against <i>Cooperia</i> species in Highland calves. <i>Veterinary Record</i> , 2009, 164, 603-604.	0.3	23
36	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

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37	Differential diagnosis and treatment of sheep scab. In Practice, 1995, 17, 3-9.	0.2	22
38	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. International Journal for Parasitology, 2021, 51, 393-403.	3.1	21
39	Diagnosis of triclabendazole resistance in <i>Fasciola hepatica</i> . Veterinary Record, 2012, 171, 151-152.	0.3	20
40	Diagnosis and management of venereal campylobacteriosis in beef cattle. BMC Veterinary Research, 2014, 10, 280.	1.9	20
41	Transcriptomic analyses implicate neuronal plasticity and chloride homeostasis in ivermectin resistance and response to treatment in a parasitic nematode. PLoS Pathogens, 2022, 18, e1010545.	4.7	19
42	Anthelmintic resistance in <i>Teladorsagia circumcincta</i> in sheep in the UK. Veterinary Record, 2007, 161, 535-536.	0.3	18
43	The implementation and value of diagnostic procedures in sheep health management. Small Ruminant Research, 2010, 92, 2-9.	1.2	18
44	Addressing sustainable sheep farming: Application of a targeted selective treatment approach for anthelmintic use on a commercial farm. Small Ruminant Research, 2013, 110, 100-103.	1.2	18
45	Keys to solving health problems in small ruminants: Anthelmintic resistance as a threat to sustainable nematode control. Small Ruminant Research, 2016, 142, 11-15.	1.2	18
46	Identification of the 1B vaccine strain of <i>Chlamydia abortus</i> in aborted placentas during the investigation of toxæmic and systemic disease in sheep. New Zealand Veterinary Journal, 2015, 63, 284-287.	0.9	17
47	The potential of small ruminant farming as a means of poverty alleviation in rural southern India. Tropical Animal Health and Production, 2019, 51, 303-311.	1.4	17
48	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. Veterinary Parasitology, 2019, 268, 9-15.	1.8	17
49	Regional control of sheep scab in UK flocks. In Practice, 2006, 28, 62-69.	0.2	16
50	Use of a long acting injectable formulation of moxidectin to control the periparturient rise in faecal <i>Teladorsagia circumcincta</i> egg output of ewes. Veterinary Parasitology, 2012, 189, 274-283.	1.8	16
51	The 1B vaccine strain of <i>Chlamydia abortus</i> produces placental pathology indistinguishable from a wild type infection. PLoS ONE, 2020, 15, e0242526.	2.5	16
52	Hidden in plain sight - Multiple resistant species within a strongyle community. Veterinary Parasitology, 2018, 258, 79-87.	1.8	15
53	Controlling sheep scab by eradication. Veterinary Record, 2007, 160, 491-492.	0.3	14
54	First genetic evidence for the presence of the rumen fluke <i>Paramphistomum epiclitum</i> in Pakistan. Parasitology International, 2018, 67, 533-537.	1.3	14

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55	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
56	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
57	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
58	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
59	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
60	A method for single pair mating in an obligate parasitic nematode. <i>International Journal for Parasitology</i> , 2018, 48, 159-165.	3.1	11
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	Spread and impact of goat pox (<i>Capripox virus</i>) 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
71	Hypomagnesaemic tetany in lactating Cheviot gimmers associated with pasture sodium deficiency. <i>Veterinary Record</i> , 2004, 155, 674-676.	0.3	8
72	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

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73	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
74	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
75	Multigeneric resistance to monepantel on a UK sheep farm. <i>Veterinary Parasitology: X</i> , 2019, 276, 100003.	2.7	8
76	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
77	Sheep scab control in UK flocks. <i>Veterinary Record</i> , 2006, 158, 309-309.	0.3	7
78	Ruminant coprological examination: beyond the McMaster slide. <i>In Practice</i> , 2015, 37, 68-76.	0.2	7
79	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
80	Nemabiome metabarcoding reveals differences between gastrointestinal nematode species infecting co-grazed sheep and goats. <i>Veterinary Parasitology</i> , 2021, 289, 109339.	1.8	7
81	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
82	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
83	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
84	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
85	Sustainable helminth control practices in the United Kingdom. <i>Small Ruminant Research</i> , 2014, 118, 35-40.	1.2	5
86	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
87	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
88	Husbandry procedures at the point of lambing with reference to perinatal lamb mortality. <i>Veterinary Record</i> , 2018, 182, 52-52.	0.3	5
89	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
90	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

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91	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
92	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
93	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
94	Investigation of a gamasid mite infestation in a UK textile mill caused by <i>Dermanyssus gallinae</i> (DeGeer.) <i>Tj ETQq0 0 0 rgBT /Q5verlock 10</i>	1.3	5
95	Retinopathy and optic neuropathy following closantel treatment of ewes. <i>Veterinary Record Case Reports</i> , 2014, 2, e000044.	0.2	4
96	Molecular confirmation of <i>Dicrocoelium dendriticum</i> in the Himalayan ranges of Pakistan. <i>Parasitology International</i> , 2021, 81, 102276.	1.3	4
97	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
98	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
99	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
100	Investigation and treatment of ovine psoroptic otoacariasis. <i>Veterinary Dermatology</i> , 2016, 27, 206.	1.2	2
101	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
102	Supply of trace element supplements and unbranded anthelmintics for sheep. <i>Veterinary Record</i> , 2009, 165, 215-216.	0.3	1
103	Haemonchosis: dealing with the increasing threat of the barber's pole worm. <i>Livestock</i> , 2020, 25, 237-246.	0.2	1
104	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
105	Maintaining sheep flock health: an overview. <i>Burleigh Dodds Series in Agricultural Science</i> , 2017, , 221-244.	0.2	1
106	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
107	Clinical Forum: Fasciolosis in sheep and cattle Part 2: Diagnosis and management. <i>Livestock</i> , 2010, 15, 41-48.	0.0	0
108	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

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109	Managing disease risks. , 2017, , 197-210.		0
110	Veterinary Control of Reproduction in Beef Herds. , 2019, , 493-499.		0
111	Planning anthelmintic treatments to control gastrointestinal nematode infections in sheep. Livestock, 2019, 24, 4-8.	0.2	0
112	Animal health perceptions and challenges among smallholder farmers around Kaziranga National Park, Assam, India: A study using participatory epidemiological techniques. PLoS ONE, 2020, 15, e0237902.	2.5	0
113	Immune-mediated haemolytic anaemia secondary to haemotrophic mycoplasma infection in a pet ewe. Veterinary Record Case Reports, 2020, 8, e001172.	0.2	0