Alasdair J Nisbet

List of Publications by Year
in descending order

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116	2,901	185998	233125
papers	citations	28 h-index	45 g-index

120	120	120	2501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial and temporal analysis of sheep scab notifications in Scotland, 2014â€“2019. Veterinary Record, 2022, 190, e1488.	0.2	1
2	Differences in the protection elicited by a recombinant Teladorsagia circumcincta vaccine in weaned lambs of two Canarian sheep breeds. Veterinary Parasitology, 2022, 306, 109722.	0.7	6
3	Investigation of Hostâ€“Microbeâ€“Parasite Interactions in an In Vitro 3D Model of the Vertebrate Gut. Advanced Biology, 2022, 6, .	1.4	6
4	Vaccine-induced time- and age-dependent mucosal immunity to gastrointestinal parasite infection. Npj Vaccines, 2022, 7, .	2.9	6
5	Transcriptomic analysis of the poultry red mite, Dermanyssus gallinae, across all stages of the lifecycle. BMC Genomics, 2021, 22, 248.	1.2	9
6	Vaccination against the brown stomach worm, Teladorsagia circumcincta, followed by parasite challenge, induces inconsistent modifications in gut microbiota composition of lambs. Parasites and Vectors, 2021, 14, 189.	1.0	6
7	Cellular and humoral immune responses associated with protection in sheep vaccinated against Teladorsagia circumcincta. Veterinary Research, 2021, 52, 89.	1.1	7
8	The Development of Ovine Gastric and Intestinal Organoids for Studying Ruminant Host-Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2021, 11, 733811.	1.8	26
9	A Rickettsiella Endosymbiont Is a Potential Source of Essential B-Vitamins for the Poultry Red Mite, Dermanyssus gallinae. Frontiers in Microbiology, 2021, 12, 695346.	1.5	5
10	RNAi gene knockdown in the poultry red mite, Dermanyssus gallinae (De Geer 1778), a tool for functional genomics. Parasites and Vectors, 2021, 14, 57.	1.0	10
11	A journey through 50 years of research relevant to the control of gastrointestinal nematodes in ruminant livestock and thoughts on future directions. International Journal for Parasitology, 2021, 51, 1133-1151.	1.3	41
12	An improved method for in vitro feeding of adult female Dermanyssus gallinae (poultry red mite) using Baudruche membrane (goldbeaterâ€™s skin). Parasites and Vectors, 2020, 13, 585.	1.0	8
13	Phylogenetic Inference Using Cytochrome C Oxidase Subunit I (COI) in the Poultry Red Mite, Dermanyssus gallinae in the United Kingdom Relative to a European Framework. Frontiers in Veterinary Science, 2020, 7, 553.	0.9	7
14	Possibilities for IPM Strategies in European Laying Hen Farms for Improved Control of the Poultry Red Mite (Dermanyssus gallinae): Details and State of Affairs. Frontiers in Veterinary Science, 2020, 7, 565866.	0.9	19
15	Infection with the sheep gastrointestinal nematode Teladorsagia circumcincta increases luminal pathobionts. Microbiome, 2020, 8, 60.	4.9	40
16	Helminths, hosts, and their microbiota: new avenues for managing gastrointestinal helminthiases in ruminants. Expert Review of Anti-Infective Therapy, 2020, 18, 977-985.	2.0	20
17	Uptake of Diagnostic Tests by Livestock Farmers: A Stochastic Game Theory Approach. Frontiers in Veterinary Science, 2020, 7, 36.	0.9	7
18	The potential for vaccines against scour worms of small ruminants. International Journal for Parasitology, 2020, 50, 533-553.	1.3	21

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19	The evaluation of feeding, mortality and oviposition of poultry red mite (Dermanyssus gallinae) on aging hens using a high welfare on-hen feeding device. F1000Research, 2020, 9, 1266.	0.8	5
20	Characterisation of a niche-specific excretoryâ€“secretory peroxiredoxin from the parasitic nematode Teladorsagia circumcincta. Parasites and Vectors, 2019, 12, 339.	1.0	6
21	A genomic analysis and transcriptomic atlas of gene expression in Psoroptes ovis reveals feeding- and stage-specific patterns of allergen expression. BMC Genomics, 2019, 20, 756.	1.2	14
22	Reduction in Oviposition of Poultry Red Mite (Dermanyssus gallinae) in Hens Vaccinated with Recombinant Akirin. Vaccines, 2019, 7, 121.	2.1	15
23	The rational simplification of a recombinant cocktail vaccine to control the parasitic nematode Teladorsagia circumcincta. International Journal for Parasitology, 2019, 49, 257-265.	1.3	26
24	Impacts of breed type and vaccination on Teladorsagia circumcincta infection in native sheep in Gran Canaria. Veterinary Research, 2019, 50, 29.	1.1	9
25	Evaluation of vaccine delivery systems for inducing long-lived antibody responses to Dermanyssus gallinae antigen in laying hens. Avian Pathology, 2019, 48, S60-S74.	0.8	28
26	A novel, high-welfare methodology for evaluating poultry red mite interventions in vivo. Veterinary Parasitology, 2019, 267, 42-46.	0.7	17
27	A Vaccinology Approach to the Identification and Characterization of Dermanyssus gallinae Candidate Protective Antigens for the Control of Poultry Red Mite Infestations. Vaccines, 2019, 7, 190.	2.1	17
28	Serum and acute phase protein changes in laying hens, infested with poultry red mite. Poultry Science, 2019, 98, 679-687.	1.5	11
29	Draft Genome Assembly of the Sheep Scab Mite, Psoroptes ovis. Genome Announcements, 2018, 6, .	0.8	15
30	Draft Genome Assembly of the Poultry Red Mite, Dermanyssus gallinae. Microbiology Resource Announcements, 2018, 7, .	0.3	26
31	Gene silencing by RNA interference in the ectoparasitic mite, Psoroptes ovis. Veterinary Research, 2018, 49, 112.	1.1	8
32	Characterisation of proteins in excretory/secretory products collected from salmon lice, Lepeophtheirus salmonis. Parasites and Vectors, 2018, 11, 294.	1.0	14
33	Niche-specific gene expression in a parasitic nematode; increased expression of immunomodulators in Teladorsagia circumcincta larvae derived from host mucosa. Scientific Reports, 2017, 7, 7214.	1.6	17
34	Field evaluation of poultry red mite (Dermanyssus gallinae) native and recombinant prototype vaccines. Veterinary Parasitology, 2017, 244, 25-34.	0.7	40
35	Development of a recombinant protein-based ELISA for diagnosis of larval cyathostomin infection. Parasitology, 2016, 143, 1055-1066.	0.7	16
36	Integrating immune mechanisms to model nematode worm burden: an example in sheep. Parasitology, 2016, 143, 894-904.	0.7	5

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37	A preliminary proteomic characterisation of extracellular vesicles released by the ovine parasitic nematode, Teladorsagia circumcincta. Veterinary Parasitology, 2016, 221, 84-92.	0.7	53
38	Protection of ewes against Teladorsagia circumcincta infection in the periparturient period by vaccination with recombinant antigens. Veterinary Parasitology, 2016, 228, 130-136.	0.7	32
39	Characterisation of tropomyosin and paramyosin as vaccine candidate molecules for the poultry red mite, Dermanyssus gallinae. Parasites and Vectors, 2016, 9, 544.	1.0	35
40	A recombinant subunit vaccine for the control of ovine psoroptic mange (sheep scab). Veterinary Research, 2016, 47, 26.	1.1	17
41	Characterisation of Dermanyssus gallinae glutathione S-transferases and their potential as acaricide detoxification proteins. Parasites and Vectors, 2015, 8, 350.	1.0	22
42	Gene silencing by RNA interference in the house dust mite, Dermatophagoides pteronyssinus. Molecular and Cellular Probes, 2015, 29, 522-526.	0.9	16
43	Identification and evaluation of vaccine candidate antigens from the poultry red mite (Dermanyssus) Tj ETQq1 1 0.784314 rgBT /Over	1.3	42
44	Ectoparasite immunology. Parasite Immunology, 2014, 36, 551-552.	0.7	1
45	Immune modulation by helminth parasites of ruminants: implications for vaccine development and host immune competence. Parasite, 2014, 21, 51.	0.8	49
46	Global characterization of microRNAs in Trichomonas gallinae. Parasites and Vectors, 2014, 7, 99.	1.0	8
47	Comparative proteomic analysis of different <scp>T</scp>oxoplasma gondii genotypes by twoâ€dimensional fluorescence difference gel electrophoresis combined with mass spectrometry. Electrophoresis, 2014, 35, 533-545.	1.3	33
48	Ovine IgA-reactive proteins from Teladorsagia circumcincta infective larvae. International Journal for Parasitology, 2014, 44, 743-750.	1.3	15
49	Characterization of mouse brain microRNAs after infection with cyst-forming Toxoplasma gondii. Parasites and Vectors, 2013, 6, 154.	1.0	36
50	The effect of Psoroptes ovis infestation on ovine epidermal barrier function. Veterinary Research, 2013, 44, 11.	1.1	14
51	Salmon lice (Lepeophtheirus salmonis) showing varying emamectin benzoate susceptibilities differ in neuronal acetylcholine receptor and GABA-gated chloride channel mRNA expression. BMC Genomics, 2013, 14, 408.	1.2	49
52	Suppression of ovine lymphocyte activation by Teladorsagia circumcincta larval excretory-secretory products. Veterinary Research, 2013, 44, 70.	1.1	31
53	Characterization of the ovine complement 4 binding protein-beta (C4BPB) chain as a serum biomarker for enhanced diagnosis of sheep scab. Molecular and Cellular Probes, 2013, 27, 158-163.	0.9	3
54	Successful immunization against a parasitic nematode by vaccination with recombinant proteins. Vaccine, 2013, 31, 4017-4023.	1.7	87

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55	Comparative profiling of microRNAs in male and female adults of Ascaris suum. Parasitology Research, 2013, 112, 1189-1195.	0.6	19
56	First Report of Chlamydiaceae Seroprevalence in Tibetan Pigs in Tibet, China. Vector-Borne and Zoonotic Diseases, 2013, 13, 196-199.	0.6	18
57	Two major ruminant acute phase proteins, haptoglobin and serum amyloid A, as serum biomarkers during active sheep scab infestation. Veterinary Research, 2013, 44, 103.	1.1	30
58	Assessment of cathepsin D and L-like proteinases of poultry red mite, Dermanyssus gallinae (De) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	44
59	Melanisation of Teladorsagia circumcincta larvae exposed to sunlight: A role for GTP-cyclohydrolase in nematode survival. International Journal for Parasitology, 2012, 42, 887-891.	1.3	4
60	Recent developments in the diagnosis of ectoparasite infections and disease through a better understanding of parasite biology and host responses. Molecular and Cellular Probes, 2012, 26, 47-53.	0.9	15
61	Retrotransposonâ€microsatellite amplified polymorphism, an electrophoretic approach for studying genetic variability among Schistosoma japonicum geographical isolates. Electrophoresis, 2012, 33, 2859-2866.	1.3	1
62	Transcriptomic Analysis of Circulating Leukocytes Reveals Novel Aspects of the Host Systemic Inflammatory Response to Sheep Scab Mites. PLoS ONE, 2012, 7, e42778.	1.1	11
63	Comparative Characterization of MicroRNAs from the Liver Flukes Fasciola gigantica and F. hepatica. PLoS ONE, 2012, 7, e53387.	1.1	44
64	The use of a Psoroptes ovis serodiagnostic test for the analysis of a natural outbreak of sheep scab. Parasites and Vectors, 2012, 5, 7.	1.0	28
65	Transcription profiles for two key gender-specific gene families in Oesophagostomum dentatum during development in vivo and in vitro. Infection, Genetics and Evolution, 2012, 12, 137-141.	1.0	4
66	Advances in molecular identification, taxonomy, genetic variation and diagnosis of Toxocara spp.. Infection, Genetics and Evolution, 2012, 12, 1344-1348.	1.0	66
67	Development of a cDNA microarray for the measurement of gene expression in the sheep scab mite Psoroptes ovis. Parasites and Vectors, 2012, 5, 30.	1.0	15
68	Characterization of MicroRNAs from Orientobilharzia turkestanicum, a Neglected Blood Fluke of Human and Animal Health Significance. PLoS ONE, 2012, 7, e47001.	1.1	11
69	Development of a serodiagnostic test for sheep scab using recombinant protein Pso o 2. Molecular and Cellular Probes, 2011, 25, 212-218.	0.9	37
70	A calciumâ€activated apyrase from Teladorsagia circumcincta: an excretory/secretory antigen capable of modulating host immune responses?. Parasite Immunology, 2011, 33, 236-243.	0.7	24
71	Gene expression changes in a P-glycoprotein (Tci-pgp-9) putatively associated with ivermectin resistance in Teladorsagia circumcincta. International Journal for Parasitology, 2011, 41, 935-942.	1.3	73
72	Ascaris suum: RNAi mediated silencing of enolase gene expression in infective larvae. Experimental Parasitology, 2011, 127, 142-146.	0.5	43

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73	Teladorsagia circumcincta: The transcriptomic response of a multi-drug-resistant isolate to ivermectin exposure in vitro. Experimental Parasitology, 2011, 127, 351-356.	0.5	19
74	GTP-Cyclohydrolase and development in Teladorsagia circumcincta and Dictyocaulus viviparus (Nematoda: Strongylida). Experimental Parasitology, 2011, 128, 309-317.	0.5	5
75	Generation, analysis and functional annotation of expressed sequence tags from the ectoparasitic mite Psoroptes ovis. Parasites and Vectors, 2011, 4, 145.	1.0	12
76	Testing for suspected bovine psoroptic mange in Scotland. Veterinary Record, 2011, 168, 674-674.	0.2	0
77	Host Transcription Factors in the Immediate Pro-Inflammatory Response to the Parasitic Mite Psoroptes ovis. PLoS ONE, 2011, 6, e24402.	1.1	16
78	Identification and characterization of microRNAs in Clonorchis sinensis of human health significance. BMC Genomics, 2010, 11, 521.	1.2	71
79	Transcriptomic analysis of the temporal host response to skin infestation with the ectoparasitic mite Psoroptes ovis. BMC Genomics, 2010, 11, 624.	1.2	32
80	Identification and characterisation of an immunodiagnostic marker for cyathostomin developing stage larvae. International Journal for Parasitology, 2010, 40, 265-275.	1.3	27
81	A macrophage migration inhibitory factor-like tautomerase from Teladorsagia circumcincta (Nematoda: Strongylida). Parasite Immunology, 2010, 32, 503-511.	0.7	28
82	IgA and IgG antibody responses following systemic immunization of cattle with native H7 flagellin differ in epitope recognition and capacity to neutralise TLR5 signalling. Vaccine, 2010, 28, 1412-1421.	1.7	22
83	Feeding-associated gene expression in sheep scab mites (Psoroptes ovis). Veterinary Research, 2010, 41, 16.	1.1	10
84	Histamine Release Factor from Dermanyssus gallinae (De Geer): Characterization and in vitro assessment as a protective antigen. International Journal for Parasitology, 2009, 39, 447-456.	1.3	27
85	The testing of antibodies raised against poultry red mite antigens in an in vitro feeding assay; preliminary screen for vaccine candidates. Experimental and Applied Acarology, 2009, 48, 81-91.	0.7	31
86	Immune recognition of the surface associated antigen, Tcâ€‹SAAâ€‹, from infective larvae of Teladorsagia circumcincta. Parasite Immunology, 2009, 31, 32-40.	0.7	15
87	The testing of antibodies raised against poultry red mite antigens in an in vitro feeding assay; preliminary screen for vaccine candidates. , 2009, , 81-91.		1
88	In silico analysis of expressed sequence tags from Trichostrongylus vitrinus (Nematoda): comparison of the automated ESTExplorer workflow platform with conventional database searches. BMC Bioinformatics, 2008, 9, S10.	1.2	17
89	Psoroptes ovis: Identification of vaccine candidates by immunoscreening. Experimental Parasitology, 2008, 120, 194-199.	0.5	17
90	Stage-specific gene expression in Teladorsagia circumcincta (Nematoda: Strongylida) infective larvae and early parasitic stages. International Journal for Parasitology, 2008, 38, 829-838.	1.3	40

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91	Genomics of reproduction in nematodes: prospects for parasite intervention?. Trends in Parasitology, 2008, 24, 89-95.	1.5	15
92	Genomic-Bioinformatic Analysis of Transcripts Enriched in the Third-Stage Larva of the Parasitic Nematode Ascaris suum. PLoS Neglected Tropical Diseases, 2008, 2, e246.	1.3	27
93	Eukaryotic expression of recombinant Pso o 1, an allergen from Psoroptes ovis, and its localization in the mite. Parasitology, 2007, 134, 83-89.	0.7	20
94	Identification of a putative azadirachtin-binding complex fromDrosophila Kc167 cells. Archives of Insect Biochemistry and Physiology, 2007, 64, 200-208.	0.6	25
95	Oesophagostomum dentatum â€" Potential as a model for genomic studies of strongylid nematodes, with biotechnological prospects. Biotechnology Advances, 2007, 25, 281-293.	6.0	19
96	Trichostrongylus vitrinus (Nematoda: Strongylida): Molecular characterization and transcriptional analysis of Tv-stp-1, a serine/threonine phosphatase gene. Experimental Parasitology, 2007, 117, 22-34.	0.5	27
97	Characterisation of a DM domain-containing transcription factor from Trichostrongylus vitrinus (Nematoda: Strongylida). Parasitology International, 2006, 55, 155-157.	0.6	7
98	Molecular characterization, expression and localization of tropomyosin and paramyosin immunodominant allergens from sheep scab mites (Psoroptes ovis). Parasitology, 2006, 133, 515-523.	0.7	20
99	A house dust mite allergen homologue from poultry red mite Dermanyssus gallinae (De Geer)*. Parasite Immunology, 2006, 28, 401-405.	0.7	16
100	Ubiquitin-conjugating enzyme genes in Oesophagostomum dentatum. Parasitology Research, 2006, 99, 119-125.	0.6	11
101	Haemonchus contortus: Prokaryotic expression and enzyme activity of recombinant HcSTK, a serine/threonine protein kinase. Experimental Parasitology, 2006, 113, 207-214.	0.5	4
102	Molecular biology of reproduction and development in parasitic nematodes: progress and opportunities. International Journal for Parasitology, 2004, 34, 125-138.	1.3	33
103	Profiling of gender-specific gene expression for Trichostrongylus vitrinus (Nematoda: Strongylida) by microarray analysis of expressed sequence tag libraries constructed by suppressive-subtractive hybridisation. International Journal for Parasitology, 2004, 34, 633-643.	1.3	64
104	Genomic organization and expression analysis for hcstk, a serine/threonine protein kinase gene of Haemonchus contortus, and comparison with Caenorhabditis elegans par-1. Gene, 2004, 343, 313-322.	1.0	10
105	Genomics of reproduction in parasitic nematodesâ€"fundamental and biotechnological implications. Biotechnology Advances, 2003, 21, 103-108.	6.0	6
106	Development of vaccines against sea lice. Pest Management Science, 2002, 58, 569-575.	1.7	45
107	Characterization of azadirachtin binding to Sf9 nuclei in vitro. Archives of Insect Biochemistry and Physiology, 2001, 46, 78-86.	0.6	8
108	Azadirachtin from the neem tree Azadirachta indica: its action against insects. Neotropical Entomology, 2000, 29, 615-632.	0.2	300

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109	A comparative survey of the hydrolytic enzymes of ectoparasitic and free-living mites. International Journal for Parasitology, 2000, 30, 19-27.	1.3	61
110	Immunological control of scab mites: digestive enzymes as candidate compounds. Veterinary Parasitology, 1999, 83, 231-239.	0.7	16
111	Hydrolytic enzymes of Psoroptes cuniculi (Delafond). Insect Biochemistry and Molecular Biology, 1999, 29, 25-32.	1.2	17
112	Actions of azadirachtin, a plant allelochemical, against insects. Pest Management Science, 1998, 54, 277-284.	0.7	120
113	Actions of azadirachtin, a plant allelochemical, against insects. , 1998, 54, 277.		18
114	Characterization of azadirachtin binding to Sf9 nuclei in vitro. Archives of Insect Biochemistry and Physiology, 1997, 34, 461-473.	0.6	19
115	Differential thresholds of azadirachtin for feeding deterrence and toxicity in locusts and an aphid. Entomologia Experimentalis Et Applicata, 1996, 80, 69-72.	0.7	20
116	Detection of [22,23-3H2] dihydroazadirachtin binding sites on Schistocerca gregaria (ForskÃ¥l) testes membranes. Insect Biochemistry and Molecular Biology, 1995, 25, 551-557.	1.2	18