Eileen Devaney

List of Publications by Citations

79 papers	1,940 citations	26 h-index	40 g-index
82 ext. papers	2,319 ext. citations	4.2 avg, IF	4.74 L-index

#	Paper	IF	Citations
79	The genome and transcriptome of Haemonchus contortus, a key model parasite for drug and vaccine discovery. *Genome Biology*, **2013**, 14, R88	18.3	225
78	Ivermectin - Old Drug, New Tricks?. *Trends in Parasitology*, **2017**, 33, 463-472	6.4	164
77	B cells play a regulatory role in mice infected with the L3 of Brugia pahangi. *International Immunology*, **2005**, 17, 373-82	4.9	59
76	Interleukin-10 and antigen-presenting cells actively suppress Th1 cells in BALB/c mice infected with the filarial parasite Brugia pahangi. *Infection and Immunity*, **1999**, 67, 1599-605	3.7	59
75	Diversity in parasitic nematode genomes: the microRNAs of Brugia pahangi and Haemonchus contortus are largely novel. *BMC Genomics*, **2012**, 13, 4	4.5	55
74	Heat shock factor functions at the convergence of the stress response and developmental pathways in Caenorhabditis elegans. *FASEB Journal*, **2003**, 17, 1960-2	0.9	53
73	Regulatory T cells modulate Th2 responses induced by Brugia pahangi third-stage larvae. *Infection and Immunity*, **2005**, 73, 4034-42	3.7	52
72	Subcellular fractionation of tissue culture cells. *Trends in Biochemical Sciences*, **1989**, 14, 44-7	10.3	49
71	Infection with Brugia microfilariae induces apoptosis of CD4(+) T lymphocytes: a mechanism of immune unresponsiveness in filariasis. *European Journal of Immunology*, **2002**, 32, 858-67	6.1	48
70	microRNAs of parasitic helminths - Identification, characterization and potential as drug targets. *International Journal for Parasitology: Drugs and Drug Resistance*, **2014**, 4, 85-94	4	45
69	Hsp90 is essential in the filarial nematode Brugia pahangi. *International Journal for Parasitology*, **2005**, 35, 627-36	4.3	44
68	A Genome Resequencing-Based Genetic Map Reveals the Recombination Landscape of an Outbred Parasitic Nematode in the Presence of Polyploidy and Polyandry. *Genome Biology and Evolution*, **2018**, 10, 396-409	3.9	38
67	Lymphatic filariasis: parallels between the immunology of infection in humans and mice. *Parasite Immunology*, **2001**, 23, 353-61	2.2	38
66	microRNAs: a role in drug resistance in parasitic nematodes?. *Trends in Parasitology*, **2010**, 26, 428-33	6.4	37
65	Population genomic and evolutionary modelling analyses reveal a single major QTL for ivermectin drug resistance in the pathogenic nematode, Haemonchus contortus. *BMC Genomics*, **2019**, 20, 218	4.5	35
64	The biochemical and immunochemical characterisation of the 30 kilodalton surface antigen of Brugia pahangi. *Molecular and Biochemical Parasitology*, **1988**, 27, 83-92	1.9	34
63	Refugia and anthelmintic resistance: Concepts and challenges. *International Journal for Parasitology: Drugs and Drug Resistance*, **2019**, 10, 51-57	4	33

62	Application of small RNA technology for improved control of parasitic helminths. *Veterinary Parasitology*, **2015**, 212, 47-53	2.8	33
61	NO contributes to proliferative suppression in a murine model of filariasis. *Infection and Immunity*, **2000**, 68, 6101-7	3.7	33
60	Functional genomics of hsp-90 in parasitic and free-living nematodes. *International Journal for Parasitology*, **2009**, 39, 1071-81	4.3	32
59	The third-stage larva (L3) of Brugia: its role in immune modulation and protective immunity. *Microbes and Infection*, **2000**, 2, 1363-71	9.3	32
58	The expression of the Mr 30,000 antigen in the third stage larvae of Brugia pahangi. *Parasite Immunology*, **1991**, 13, 75-87	2.2	32
57	Thermoregulation in the life cycle of nematodes. *International Journal for Parasitology*, **2006**, 36, 641-9	4.3	30
56	An enduring association? Microfilariae and immunosuppression [correction of immunosupression] in lymphatic filariasis. *Trends in Parasitology*, **2003**, 19, 565-70	6.4	26
55	The construction of spliced leader cDNA libraries from the filarial nematode Brugia pahangi. *Molecular and Biochemical Parasitology*, **1995**, 70, 241-5	1.9	26
54	The analysis of the humoral response of the BALB/c mouse immunized with radiation attenuated third stage larvae of Brugia pahangi. *Parasite Immunology*, **1993**, 15, 153-62	2.2	26
53	Genomic and transcriptomic variation defines the chromosome-scale assembly of Haemonchus contortus, a model gastrointestinal worm. *Communications Biology*, **2020**, 3, 656	6.7	26
52	NK T cells are a source of early interleukin-4 following infection with third-stage larvae of the filarial nematode Brugia pahangi. *Infection and Immunity*, **2002**, 70, 2215-9	3.7	24
51	Investigating the impact of helminth products on immune responsiveness using a TCR transgenic adoptive transfer system. *Journal of Immunology*, **2003**, 171, 447-54	5.3	23
50	The expression of small heat shock proteins in the microfilaria of Brugia pahangi and their possible role in development. *Molecular and Biochemical Parasitology*, **1992**, 56, 209-17	1.9	22
49	Hsp-90 and the biology of nematodes. *BMC Evolutionary Biology*, **2009**, 9, 254	3	21
48	Heat shock and developmental expression of hsp83 in the filarial nematode Brugia pahangi. *FEBS Journal*, **2001**, 268, 5808-15		21
47	Conservation of a microRNA cluster in parasitic nematodes and profiling of miRNAs in excretory-secretory products and microvesicles of Haemonchus contortus. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0006056	4.8	21
46	A novel member of the let-7 microRNA family is associated with developmental transitions in filarial nematode parasites. *BMC Genomics*, **2015**, 16, 331	4.5	20
45	Interleukin-4 influences the production of microfilariae in a mouse model of Brugia infection. *Parasite Immunology*, **2002**, 24, 29-37	2.2	20

44	Contrasting effects of acute and chronic gastro-intestinal helminth infections on a heterologous immune response in a transgenic adoptive transfer model. *International Journal for Parasitology*, **2005**, 35, 765-75	4.3	20
43	Brugia pahangi: characterisation of a small heat shock protein cDNA clone. *Experimental Parasitology*, **1996**, 83, 259-66	2.1	20
42	Expression of small heat shock proteins by the third-stage larva of Brugia pahangi. *Molecular and Biochemical Parasitology*, **1992**, 56, 219-26	1.9	19
41	Yeast-Based High-Throughput Screens to Identify Novel Compounds Active against Brugia malayi. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004401	4.8	19
40	Transmission intensity affects both antigen-specific and nonspecific T-cell proliferative responses in Loa loa infection. *Infection and Immunity*, **2002**, 70, 1475-80	3.7	17
39	Identification of abundant mRNAs from the third stage larvae of the parasitic nematode, Ostertagia ostertagi. *Biochemical Journal*, **2000**, 347, 763-770	3.8	17
38	Analysis of putative resistance gene loci in UK field populations of Haemonchus contortus after 6years of macrocyclic lactone use. *International Journal for Parasitology*, **2016**, 46, 621-30	4.3	17
37	HRP-2, a heterogeneous nuclear ribonucleoprotein, is essential for embryogenesis and oogenesis in Caenorhabditis elegans. *Experimental Cell Research*, **2004**, 298, 418-30	4.2	15
36	Stage specific gene expression in the post-infective L3 of the filarial nematode, Brugia pahangi. *Molecular and Biochemical Parasitology*, **1996**, 79, 109-12	1.9	15
35	Transcriptomic profiling of nematode parasites surviving vaccine exposure. *International Journal for Parasitology*, **2018**, 48, 395-402	4.3	14
34	Temperature is a cue for gene expression in the post-infective L3 of the parasitic nematode Brugia pahangi. *Molecular and Biochemical Parasitology*, **2001**, 112, 1-9	1.9	13
33	Increased Expression of a MicroRNA Correlates with Anthelmintic Resistance in Parasitic Nematodes. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 452	5.9	12
32	A cytidine deaminase expressed in the post-infective L3 stage of the filarial nematode, Brugia pahangi, has a novel RNA-binding activity. *Molecular and Biochemical Parasitology*, **1997**, 88, 105-14	1.9	12
31	cut-1-like genes are present in the filarial nematodes, Brugia pahangi and Brugia malayi, and, as in other nematodes, code for components of the cuticle. *Molecular and Biochemical Parasitology*, **1999** , 101, 173-83	1.9	12
30	A longitudinal study of local and peripheral isotype/subclass antibodies in Dictyocaulus viviparus-infected calves. *Veterinary Immunology and Immunopathology*, **1996**, 53, 235-47	2	12
29	Evaluation of DNA Extraction Methods on Individual Helminth Egg and Larval Stages for Whole-Genome Sequencing. *Frontiers in Genetics*, **2019**, 10, 826	4.5	11
28	Assay strategies for the discovery and validation of therapeutics targeting Brugia pahangi Hsp90. *PLoS Neglected Tropical Diseases*, **2010**, 4, e714	4.8	11
27	Profiling microRNAs through development of the parasitic nematode Haemonchus identifies nematode-specific miRNAs that suppress larval development. *Scientific Reports*, **2019**, 9, 17594	4.9	11

26	Characterisation of infection associated microRNA and protein cargo in extracellular vesicles of Theileria annulata infected leukocytes. *Cellular Microbiology*, **2019**, 21, e12969	3.9	11
25	Hidden in plain sight - Multiple resistant species within a strongyle community. *Veterinary Parasitology*, **2018**, 258, 79-87	2.8	10
24	Characterization of HSP90 isoforms in transformed bovine leukocytes infected with Theileria annulata. *Cellular Microbiology*, **2017**, 19, e12669	3.9	9
23	A repurposing strategy for Hsp90 inhibitors demonstrates their potency against filarial nematodes. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2699	4.8	9
22	Cloning and characterization of two nuclear receptors from the filarial nematode Brugia pahangi. *Biochemical Journal*, **1999**, 344, 245-252	3.8	9
21	Nematode Hsp90: highly conserved but functionally diverse. *Parasitology*, **2014**, 141, 1203-15	2.7	8
20	Nitric oxide limits the expansion of antigen-specific T cells in mice infected with the microfilariae of Brugia pahangi. *Infection and Immunity*, **2002**, 70, 5997-6004	3.7	7
19	The analysis of the 30 kDa antigen of Brugia pahangi and its interaction with the cuticle: a short review. *Acta Tropica*, **1990**, 47, 365-72	3.2	7
18	The confounding effects of high genetic diversity on the determination and interpretation of differential gene expression analysis in the parasitic nematode Haemonchus contortus. *International Journal for Parasitology*, **2019**, 49, 847-858	4.3	6
17	The use of inhibitors of N-linked glycosylation and oligosaccharide processing to produce monoclonal antibodies against non-phosphorylcholine epitopes of Brugia pahangi excretory-secretory products. *Parasitology Research*, **1997**, 83, 813-5	2.4	6
16	Cloning and characterisation of mmc-1, a microfilarial-specific gene, from Brugia pahangi. *International Journal for Parasitology*, **2002**, 32, 415-24	4.3	5
15	Cloning and characterization of two nuclear receptors from the filarial nematode Brugia pahangi. *Biochemical Journal*, **1999**, 344, 245	3.8	5
14	Hsp90 Inhibitors in Parasitic Nematodes: Prospects and Challenges. *Current Topics in Medicinal Chemistry*, **2016**, 16, 2805-11	3	5
13	Mosquito transmission modulates the immune response in mice infected with the L3 of Brugia pahangi. *Parasite Immunology*, **2004**, 26, 359-63	2.2	4
12	Biochemical and molecular characterization of two cytidine deaminases in the nematode Caenorhabditis elegans. *Biochemical Journal*, **2002**, 365, 99-107	3.8	4
11	Population genomic and evolutionary modelling analyses reveal a single major QTL for ivermectin drug resistance in the pathogenic nematode, Haemonchus contortus		4
10	Small RNAs in parasitic nematodes - forms and functions. *Parasitology*, **2020**, 147, 855-864	2.7	4
9	Attempts to Image the Early Inflammatory Response during Infection with the Lymphatic Filarial Nematode Brugia pahangi in a Mouse Model. *PLoS ONE*, **2016**, 11, e0168602	3.7	4

8	Genotypic characterisation of monepantel resistance in historical and newly derived field strains of Teladorsagia circumcincta. *International Journal for Parasitology: Drugs and Drug Resistance*, **2019**, 11, 59-69	4	3
7	NO Contributes to Proliferative Suppression in a Murine Model of Filariasis. *Infection and Immunity*, **2000**, 68, 6101-6107	3.7	3
6	Genetic and genomic approaches to understanding drug resistance in parasites. *Parasitology*, **2013**, 140, 1451-4	2.7	2
5	The end of the line for hookworm? An update on vaccine development. *PLoS Medicine*, **2005**, 2, e327	11.6	2
4	Genomic landscape of drug response reveals novel mediators of anthelmintic resistance		2
3	Tuft Cells Increase Following Ovine Intestinal Parasite Infections and Define Evolutionarily Conserved and Divergent Responses. *Frontiers in Immunology*, **2021**, 12, 781108	8.4	1
2	Transcriptomic analyses implicate neuronal plasticity and chloride homeostasis in ivermectin resistance and recovery in a parasitic nematode		1
1	Parasites, probiotics, and piglets: a novel approach to IBD. *Molecular Therapy*, **2014**, 22, 1722-3	11.7	