

Eileen Devaney

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Tuft Cells Increase Following Ovine Intestinal Parasite Infections and Define Evolutionarily Conserved and Divergent Responses. <i>Frontiers in Immunology</i> , 2021 , 12, 781108	8.4	1
78	Small RNAs in parasitic nematodes - forms and functions. <i>Parasitology</i> , 2020 , 147, 855-864	2.7	4
77	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	6.7	26
76	Evaluation of DNA Extraction Methods on Individual Helminth Egg and Larval Stages for Whole-Genome Sequencing. <i>Frontiers in Genetics</i> , 2019 , 10, 826	4.5	11
75	Refugia and anthelmintic resistance: Concepts and challenges. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019 , 10, 51-57	4	33
74	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	4.5	35
73	Genotypic characterisation of monepantel resistance in historical and newly derived field strains of <i>Teladorsagia circumcincta</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019 , 11, 59-69	4	3
72	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	4.3	6
71	Profiling microRNAs through development of the parasitic nematode <i>Haemonchus</i> identifies nematode-specific miRNAs that suppress larval development. <i>Scientific Reports</i> , 2019 , 9, 17594	4.9	11
70	Characterisation of infection associated microRNA and protein cargo in extracellular vesicles of <i>Theileria annulata</i> infected leukocytes. <i>Cellular Microbiology</i> , 2019 , 21, e12969	3.9	11
69	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	3.9	38
68	Transcriptomic profiling of nematode parasites surviving vaccine exposure. <i>International Journal for Parasitology</i> , 2018 , 48, 395-402	4.3	14
67	Hidden in plain sight - Multiple resistant species within a strongyle community. <i>Veterinary Parasitology</i> , 2018 , 258, 79-87	2.8	10
66	Characterization of HSP90 isoforms in transformed bovine leukocytes infected with <i>Theileria annulata</i> . <i>Cellular Microbiology</i> , 2017 , 19, e12669	3.9	9
65	Ivermectin - Old Drug, New Tricks?. <i>Trends in Parasitology</i> , 2017 , 33, 463-472	6.4	164
64	Increased Expression of a MicroRNA Correlates with Anthelmintic Resistance in Parasitic Nematodes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 452	5.9	12
63	Conservation of a microRNA cluster in parasitic nematodes and profiling of miRNAs in excretory-secretory products and microvesicles of <i>Haemonchus contortus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006056	4.8	21

62	Hsp90 Inhibitors in Parasitic Nematodes: Prospects and Challenges. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2805-11	3	5
61	Yeast-Based High-Throughput Screens to Identify Novel Compounds Active against <i>Brugia malayi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004401	4.8	19
60	Attempts to Image the Early Inflammatory Response during Infection with the Lymphatic Filarial Nematode <i>Brugia pahangi</i> in a Mouse Model. <i>PLoS ONE</i> , 2016 , 11, e0168602	3.7	4
59	Analysis of putative resistance gene loci in UK field populations of <i>Haemonchus contortus</i> after 6years of macrocyclic lactone use. <i>International Journal for Parasitology</i> , 2016 , 46, 621-30	4.3	17
58	Application of small RNA technology for improved control of parasitic helminths. <i>Veterinary Parasitology</i> , 2015 , 212, 47-53	2.8	33
57	A novel member of the let-7 microRNA family is associated with developmental transitions in filarial nematode parasites. <i>BMC Genomics</i> , 2015 , 16, 331	4.5	20
56	microRNAs of parasitic helminths - Identification, characterization and potential as drug targets. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 85-94	4	45
55	Parasites, probiotics, and piglets: a novel approach to IBD. <i>Molecular Therapy</i> , 2014 , 22, 1722-3	11.7	
54	Nematode Hsp90: highly conserved but functionally diverse. <i>Parasitology</i> , 2014 , 141, 1203-15	2.7	8
53	A repurposing strategy for Hsp90 inhibitors demonstrates their potency against filarial nematodes. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2699	4.8	9
52	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	18.3	225
51	Genetic and genomic approaches to understanding drug resistance in parasites. <i>Parasitology</i> , 2013 , 140, 1451-4	2.7	2
50	Diversity in parasitic nematode genomes: the microRNAs of <i>Brugia pahangi</i> and <i>Haemonchus contortus</i> are largely novel. <i>BMC Genomics</i> , 2012 , 13, 4	4.5	55
49	Assay strategies for the discovery and validation of therapeutics targeting <i>Brugia pahangi</i> Hsp90. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e714	4.8	11
48	microRNAs: a role in drug resistance in parasitic nematodes?. <i>Trends in Parasitology</i> , 2010 , 26, 428-33	6.4	37
47	Hsp-90 and the biology of nematodes. <i>BMC Evolutionary Biology</i> , 2009 , 9, 254	3	21
46	Functional genomics of hsp-90 in parasitic and free-living nematodes. <i>International Journal for Parasitology</i> , 2009 , 39, 1071-81	4.3	32
45	Thermoregulation in the life cycle of nematodes. <i>International Journal for Parasitology</i> , 2006 , 36, 641-9	4.3	30

44	Hsp90 is essential in the filarial nematode <i>Brugia pahangi</i> . <i>International Journal for Parasitology</i> , 2005 , 35, 627-36	4.3	44
43	Contrasting effects of acute and chronic gastro-intestinal helminth infections on a heterologous immune response in a transgenic adoptive transfer model. <i>International Journal for Parasitology</i> , 2005 , 35, 765-75	4.3	20
42	The end of the line for hookworm? An update on vaccine development. <i>PLoS Medicine</i> , 2005 , 2, e327	11.6	2
41	Regulatory T cells modulate Th2 responses induced by <i>Brugia pahangi</i> third-stage larvae. <i>Infection and Immunity</i> , 2005 , 73, 4034-42	3.7	52
40	B cells play a regulatory role in mice infected with the L3 of <i>Brugia pahangi</i> . <i>International Immunology</i> , 2005 , 17, 373-82	4.9	59
39	Mosquito transmission modulates the immune response in mice infected with the L3 of <i>Brugia pahangi</i> . <i>Parasite Immunology</i> , 2004 , 26, 359-63	2.2	4
38	HRP-2, a heterogeneous nuclear ribonucleoprotein, is essential for embryogenesis and oogenesis in <i>Caenorhabditis elegans</i> . <i>Experimental Cell Research</i> , 2004 , 298, 418-30	4.2	15
37	Heat shock factor functions at the convergence of the stress response and developmental pathways in <i>Caenorhabditis elegans</i> . <i>FASEB Journal</i> , 2003 , 17, 1960-2	0.9	53
36	Investigating the impact of helminth products on immune responsiveness using a TCR transgenic adoptive transfer system. <i>Journal of Immunology</i> , 2003 , 171, 447-54	5.3	23
35	An enduring association? Microfilariae and immunosuppression [correction of immunosuppression] in lymphatic filariasis. <i>Trends in Parasitology</i> , 2003 , 19, 565-70	6.4	26
34	Cloning and characterisation of mmc-1, a microfilarial-specific gene, from <i>Brugia pahangi</i> . <i>International Journal for Parasitology</i> , 2002 , 32, 415-24	4.3	5
33	Infection with <i>Brugia microfilariae</i> induces apoptosis of CD4(+) T lymphocytes: a mechanism of immune unresponsiveness in filariasis. <i>European Journal of Immunology</i> , 2002 , 32, 858-67	6.1	48
32	Interleukin-4 influences the production of microfilariae in a mouse model of <i>Brugia</i> infection. <i>Parasite Immunology</i> , 2002 , 24, 29-37	2.2	20
31	Nitric oxide limits the expansion of antigen-specific T cells in mice infected with the microfilariae of <i>Brugia pahangi</i> . <i>Infection and Immunity</i> , 2002 , 70, 5997-6004	3.7	7
30	Transmission intensity affects both antigen-specific and nonspecific T-cell proliferative responses in <i>Loa loa</i> infection. <i>Infection and Immunity</i> , 2002 , 70, 1475-80	3.7	17
29	NK T cells are a source of early interleukin-4 following infection with third-stage larvae of the filarial nematode <i>Brugia pahangi</i> . <i>Infection and Immunity</i> , 2002 , 70, 2215-9	3.7	24
28	Biochemical and molecular characterization of two cytidine deaminases in the nematode <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2002 , 365, 99-107	3.8	4
27	Lymphatic filariasis: parallels between the immunology of infection in humans and mice. <i>Parasite Immunology</i> , 2001 , 23, 353-61	2.2	38

26	Heat shock and developmental expression of hsp83 in the filarial nematode <i>Brugia pahangi</i> . <i>FEBS Journal</i> , 2001 , 268, 5808-15		21
25	Temperature is a cue for gene expression in the post-infective L3 of the parasitic nematode <i>Brugia pahangi</i> . <i>Molecular and Biochemical Parasitology</i> , 2001 , 112, 1-9	1.9	13
24	Identification of abundant mRNAs from the third stage larvae of the parasitic nematode, <i>Ostertagia ostertagi</i> . <i>Biochemical Journal</i> , 2000 , 347, 763-770	3.8	17
23	The third-stage larva (L3) of <i>Brugia</i> : its role in immune modulation and protective immunity. <i>Microbes and Infection</i> , 2000 , 2, 1363-71	9.3	32
22	NO contributes to proliferative suppression in a murine model of filariasis. <i>Infection and Immunity</i> , 2000 , 68, 6101-7	3.7	33
21	NO Contributes to Proliferative Suppression in a Murine Model of Filariasis. <i>Infection and Immunity</i> , 2000 , 68, 6101-6107	3.7	3
20	cut-1-like genes are present in the filarial nematodes, <i>Brugia pahangi</i> and <i>Brugia malayi</i> , and, as in other nematodes, code for components of the cuticle. <i>Molecular and Biochemical Parasitology</i> , 1999 , 101, 173-83	1.9	12
19	Cloning and characterization of two nuclear receptors from the filarial nematode <i>Brugia pahangi</i> . <i>Biochemical Journal</i> , 1999 , 344, 245-252	3.8	9
18	Cloning and characterization of two nuclear receptors from the filarial nematode <i>Brugia pahangi</i> . <i>Biochemical Journal</i> , 1999 , 344, 245	3.8	5
17	Interleukin-10 and antigen-presenting cells actively suppress Th1 cells in BALB/c mice infected with the filarial parasite <i>Brugia pahangi</i> . <i>Infection and Immunity</i> , 1999 , 67, 1599-605	3.7	59
16	A cytidine deaminase expressed in the post-infective L3 stage of the filarial nematode, <i>Brugia pahangi</i> , has a novel RNA-binding activity. <i>Molecular and Biochemical Parasitology</i> , 1997 , 88, 105-14	1.9	12
15	The use of inhibitors of N-linked glycosylation and oligosaccharide processing to produce monoclonal antibodies against non-phosphorylcholine epitopes of <i>Brugia pahangi</i> excretory-secretory products. <i>Parasitology Research</i> , 1997 , 83, 813-5	2.4	6
14	<i>Brugia pahangi</i> : characterisation of a small heat shock protein cDNA clone. <i>Experimental Parasitology</i> , 1996 , 83, 259-66	2.1	20
13	A longitudinal study of local and peripheral isotype/subclass antibodies in <i>Dictyocaulus viviparus</i> -infected calves. <i>Veterinary Immunology and Immunopathology</i> , 1996 , 53, 235-47	2	12
12	Stage specific gene expression in the post-infective L3 of the filarial nematode, <i>Brugia pahangi</i> . <i>Molecular and Biochemical Parasitology</i> , 1996 , 79, 109-12	1.9	15
11	The construction of spliced leader cDNA libraries from the filarial nematode <i>Brugia pahangi</i> . <i>Molecular and Biochemical Parasitology</i> , 1995 , 70, 241-5	1.9	26
10	The analysis of the humoral response of the BALB/c mouse immunized with radiation attenuated third stage larvae of <i>Brugia pahangi</i> . <i>Parasite Immunology</i> , 1993 , 15, 153-62	2.2	26
9	The expression of small heat shock proteins in the microfilaria of <i>Brugia pahangi</i> and their possible role in development. <i>Molecular and Biochemical Parasitology</i> , 1992 , 56, 209-17	1.9	22

8	Expression of small heat shock proteins by the third-stage larva of <i>Brugia pahangi</i> . <i>Molecular and Biochemical Parasitology</i> , 1992 , 56, 219-26	1.9	19
7	The expression of the Mr 30,000 antigen in the third stage larvae of <i>Brugia pahangi</i> . <i>Parasite Immunology</i> , 1991 , 13, 75-87	2.2	32
6	The analysis of the 30 kDa antigen of <i>Brugia pahangi</i> and its interaction with the cuticle: a short review. <i>Acta Tropica</i> , 1990 , 47, 365-72	3.2	7
5	Subcellular fractionation of tissue culture cells. <i>Trends in Biochemical Sciences</i> , 1989 , 14, 44-7	10.3	49
4	The biochemical and immunochemical characterisation of the 30 kilodalton surface antigen of <i>Brugia pahangi</i> . <i>Molecular and Biochemical Parasitology</i> , 1988 , 27, 83-92	1.9	34
3	Genomic landscape of drug response reveals novel mediators of anthelmintic resistance		2
2	Transcriptomic analyses implicate neuronal plasticity and chloride homeostasis in ivermectin resistance and recovery in a parasitic nematode		1
1	Population genomic and evolutionary modelling analyses reveal a single major QTL for ivermectin drug resistance in the pathogenic nematode, <i>Haemonchus contortus</i>		4