

# Stephen Doyle

## List of Publications by Year in descending order

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45  
papers

1,714  
citations

394421

19  
h-index

361022

35  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2495  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Genome-wide analysis of the response to ivermectin treatment by a Swedish field population of <i>Haemonchus contortus</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2022, 18, 12-19.	3.4	4
3	A genetic TRP down the channel to praziquantel resistance. <i>Trends in Parasitology</i> , 2022, 38, 351-352.	3.3	5
4	Worms and bugs of the gut: the search for diagnostic signatures using barcoding, and metagenomicsâ€“metabolomics. <i>Parasites and Vectors</i> , 2022, 15, 118.	2.5	7
5	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
6	Ivermectin and albendazole coadministration: opportunities for strongyloidiasis control. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e341-e347.	9.1	9
7	Improving helminth genome resources in the post-genomic era. <i>Trends in Parasitology</i> , 2022, 38, 831-840.	3.3	18

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#	ARTICLE	IF	CITATIONS
19	Genome-wide Approaches to Investigate Anthelmintic Resistance. <i>Trends in Parasitology</i> , 2019, 35, 289-301.	3.3	61
20	Refugia and anthelmintic resistance: Concepts and challenges. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 10, 51-57.	3.4	65
21	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
22	Comparative genomics of the major parasitic worms. <i>Nature Genetics</i> , 2019, 51, 163-174.	21.4	377
23	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
24	Outlier SNPs detect weak regional structure against a background of genetic homogeneity in the Eastern Rock Lobster, <i>Sagmariasus verreauxi</i> . <i>Marine Biology</i> , 2018, 165, 1.	1.5	20
25	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2018, 9, 3216.	12.8	102
26	Significant heterogeneity in <i>Wolbachia</i> copy number within and between populations of <i>Onchocerca volvulus</i> . <i>Parasites and Vectors</i> , 2017, 10, 188.	2.5	15
27	PLAG1 deficiency impairs spermatogenesis and sperm motility in mice. <i>Scientific Reports</i> , 2017, 7, 5317.	3.3	24
28	The genome of <i>Onchocerca volvulus</i> , agent of river blindness. <i>Nature Microbiology</i> , 2017, 2, 16216.	13.3	107
29	You Are What You Eat: A Genomic Analysis of the Gut Microbiome of Captive and Wild Octopus vulgaris Paralarvae and Their Zooplankton Prey. <i>Frontiers in Physiology</i> , 2017, 8, 362.	2.8	27
30	Genomic introgression mapping of field-derived multiple-anthelmintic resistance in <i>Teladorsagia circumcincta</i> . <i>PLoS Genetics</i> , 2017, 13, e1006857.	3.5	67
31	Genome-wide analysis of ivermectin response by <i>Onchocerca volvulus</i> reveals that genetic drift and soft selective sweeps contribute to loss of drug sensitivity. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005816.	3.0	87
32	Discrimination between <i>Onchocerca volvulus</i> and <i>O. ochengi</i> filarial larvae in <i>Simulium damnosum</i> (s.l.) and their distribution throughout central Ghana using a versatile high-resolution speciation assay. <i>Parasites and Vectors</i> , 2016, 9, 536.	2.5	11
33	Locating and Activating Molecular "Time Bombs": Induction of Mycolata Prophages. <i>PLoS ONE</i> , 2016, 11, e0159957.	2.5	4
34	Massively parallel sequencing of customised forensically informative SNP panels on the MiSeq. <i>Electrophoresis</i> , 2016, 37, 2832-2840.	2.4	15
35	Outlier SNPs enable food traceability of the southern rock lobster, <i>Jasus edwardsii</i> . <i>Marine Biology</i> , 2016, 163, 1.	1.5	22
36	MethPat: a tool for the analysis and visualisation of complex methylation patterns obtained by massively parallel sequencing. <i>BMC Bioinformatics</i> , 2016, 17, 98.	2.6	22

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37	Exemplary multiplex bisulfite amplicon data used to demonstrate the utility of Methpat. GigaScience, 2015, 4, 55.	6.4	3
38	Low-coverage MiSeq next generation sequencing reveals the mitochondrial genome of the Eastern Rock Lobster, <i>Sagmariasus verreauxi</i> . Mitochondrial DNA, 2015, 26, 844-845.	0.6	6
39	Evidence of Evolutionary Constraints That Influences the Sequence Composition and Diversity of Mitochondrial Matrix Targeting Signals. PLoS ONE, 2013, 8, e67938.	2.5	11
40	Enhanced annealing of mismatched oligonucleotides using a novel melting curve assay allows efficient in vitro discrimination and restriction of a single nucleotide polymorphism. BMC Biotechnology, 2011, 11, 83.	3.3	3
41	Mitochondrial Gene Therapy: An Evaluation of Strategies for the Treatment of Mitochondrial DNA Disorders. Human Gene Therapy, 2008, 19, 1335-1348.	2.7	12
42	Mitochondrial gene therapy – an evaluation of strategies for the treatment of mitochondrial DNA disorders. Human Gene Therapy, 2008, .	2.7	0
43	Differential intracellular distribution of DNA complexed with polyethylenimine (PEI) and PEI-polyarginine PTD influences exogenous gene expression within live COS-7 cells. Genetic Vaccines and Therapy, 2007, 5, 11.	1.5	26
44	The genome sequence of the Australian filarial nematode, <i>Cercopithifilaria johnstoni</i> . Wellcome Open Research, 0, 6, 259.	1.8	2
45	An adaptive phase II/III safety and efficacy randomized controlled trial of single day or three-day fixed-dose albendazole-ivermectin co-formulation versus albendazole for the treatment of <i>Trichuris trichiura</i> and other STH infections. ALIVE trial protocol. Gates Open Research, 0, 6, 62.	1.1	5