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List of Publications by Year
in descending order

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23 papers	1,294 citations	430874 18 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	1419 citing authors

#	Article	IF	Citations
1	The genome and transcriptome of Haemonchus contortus, a key model parasite for drug and vaccine discovery. Genome Biology, 2013, 14, R88.	9.6	293
2	Ivermectin â€“ Old Drug, New Tricks?. Trends in Parasitology, 2017, 33, 463-472.	3.3	278
3	Genomic and transcriptomic variation defines the chromosome-scale assembly of Haemonchus contortus, a model gastrointestinal worm. Communications Biology, 2020, 3, 656.	4.4	91
4	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.	2.8	68
5	Refugia and anthelmintic resistance: Concepts and challenges. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 10, 51-57.	3.4	65
6	Characterization of the xenobiotic response of Caenorhabditis elegans to the anthelmintic drug albendazole and the identification of novel drug glucoside metabolites. Biochemical Journal, 2010, 432, 505-516.	3.7	59
7	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.	2.5	58
8	Characterization and comparative analysis of the complete Haemonchus contortus Î²-tubulin gene family and implications for benzimidazole resistance in strongylid nematodes. International Journal for Parasitology, 2013, 43, 465-475.	3.1	53
9	The Transcriptional Response of Caenorhabditis elegans to Ivermectin Exposure Identifies Novel Genes Involved in the Response to Reduced Food Intake. PLoS ONE, 2012, 7, e31367.	2.5	31
10	Evaluation of DNA Extraction Methods on Individual Helminth Egg and Larval Stages for Whole-Genome Sequencing. Frontiers in Genetics, 2019, 10, 826.	2.3	30
11	UDP-glycosyltransferase family in Haemonchus contortus: Phylogenetic analysis, constitutive expression, sex-differences and resistance-related differences. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 420-429.	3.4	28
12	Evidence from two independent backcross experiments supports genetic linkage of microsatellite Hcms8a20, but not other candidate loci, to a major ivermectin resistance locus in Haemonchus contortus. International Journal for Parasitology, 2016, 46, 653-661.	3.1	27
13	Increased Expression of a MicroRNA Correlates with Anthelmintic Resistance in Parasitic Nematodes. Frontiers in Cellular and Infection Microbiology, 2017, 7, 452.	3.9	25
14	Profiling microRNAs through development of the parasitic nematode Haemonchus identifies nematode-specific miRNAs that suppress larval development. Scientific Reports, 2019, 9, 17594.	3.3	25
15	Small RNAs in parasitic nematodes â€“ forms and functions. Parasitology, 2020, 147, 855-864.	1.5	23
16	Annotation of Two Large Contiguous Regions from the Haemonchus contortus Genome Using RNA-seq and Comparative Analysis with Caenorhabditis elegans. PLoS ONE, 2011, 6, e23216.	2.5	22
17	Transcriptomic profiling of nematode parasites surviving vaccine exposure. International Journal for Parasitology, 2018, 48, 395-402.	3.1	20
18	Analysis of putative resistance gene loci in UK field populations of Haemonchus contortus after 6 years of macrocyclic lactone use. International Journal for Parasitology, 2016, 46, 621-630.	3.1	19

#	Article	IF	Citations
19	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
20	Reliable reference gene selection for quantitative real time PCR in Haemonchus contortus. Molecular and Biochemical Parasitology, 2015, 201, 123-127.	1.1	15
21	Hidden in plain sight - Multiple resistant species within a strongyle community. Veterinary Parasitology, 2018, 258, 79-87.	1.8	15
22	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.	3.1	10
23	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.	3.4	7