

Robin B Gasser

List of Publications by Year in descending order

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637
papers

25,903
citations

9254

74
h-index

18115

120
g-index

645
all docs

645
docs citations

645
times ranked

18722
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing model organism genomics to underpin the machine learning-based prediction of essential genes in eukaryotes – Biotechnological implications. <i>Biotechnology Advances</i> , 2022, 54, 107822.	6.0	9
2	An RNA Interference Tool to Silence Genes in <i>Sarcoptes scabiei</i> Eggs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 873.	1.8	2
3	A High-Throughput Phenotypic Screen of the –Pandemic Response Box™ Identifies a Quinoline Derivative with Significant Anthelmintic Activity. <i>Pharmaceuticals</i> , 2022, 15, 257.	1.7	14
4	Nuclear genome of <i>Bulinus truncatus</i> , an intermediate host of the carcinogenic human blood fluke <i>Schistosoma haematobium</i> . <i>Nature Communications</i> , 2022, 13, 977.	5.8	14
5	Chromosome-level genome of <i>Schistosoma haematobium</i> underpins genome-wide explorations of molecular variation. <i>PLoS Pathogens</i> , 2022, 18, e1010288.	2.1	13
6	Assessing the Anthelmintic Candidates BLK127 and HBK4 for Their Efficacy on <i>Haemonchus contortus</i> Adults and Eggs, and Their Hepatotoxicity and Biotransformation. <i>Pharmaceutics</i> , 2022, 14, 754.	2.0	1
7	–Escalibur– A practical pipeline for the de novo analysis of nucleotide variation in nonmodel eukaryotes. <i>Molecular Ecology Resources</i> , 2022, , .	2.2	2
8	Chromosome-scale <i>Echinococcus granulosus</i> (genotype G1) genome reveals the Eg95 gene family and conservation of the EG95-vaccine molecule. <i>Communications Biology</i> , 2022, 5, 199.	2.0	7
9	Worms and bugs of the gut: the search for diagnostic signatures using barcoding, and metagenomics – metabolomics. <i>Parasites and Vectors</i> , 2022, 15, 118.	1.0	7
10	Whole-organism phenotypic screening methods used in early-phase anthelmintic drug discovery. <i>Biotechnology Advances</i> , 2022, 57, 107937.	6.0	17
11	A Perspective on the Molecular Identification, Classification, and Epidemiology of <i>Enterocytozoon bieneusi</i> of Animals. <i>Experientia Supplementum (2012)</i> , 2022, 114, 389-415.	0.5	2
12	–FeatureOmega– an integrative platform for engineering, visualization and analysis of features from molecular sequences, structural and ligand data sets. <i>Nucleic Acids Research</i> , 2022, 50, W434-W447.	6.5	24
13	Novel High-Throughput Fluorescence-Based Assay for the Identification of Nematocidal Compounds That Target the Blood-Feeding Pathway. <i>Pharmaceuticals</i> , 2022, 15, 669.	1.7	1
14	Evolution of sexual systems, sex chromosomes and sex-linked gene transcription in flatworms and roundworms. <i>Nature Communications</i> , 2022, 13, .	5.8	6
15	Identification of Anthelmintic Bishomoscalarane Sesterterpenes from the Australian Marine Sponge – <i>Phyllospongia bergquistae</i> – and Structure Revision of Phyllolactones A –D. <i>Journal of Natural Products</i> , 2022, 85, 1723-1729.	1.5	3
16	Ubiquitination pathway model for the barber – pole worm – <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , 2022, 52, 581-590.	1.3	3
17	OGEE v3: Online GENE Essentiality database with increased coverage of organisms and human cell lines. <i>Nucleic Acids Research</i> , 2021, 49, D998-D1003.	6.5	42
18	1-Methyl-1H-pyrazole-5-carboxamide Derivatives Exhibit Unexpected Acute Mammalian Toxicity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 840-844.	2.9	3

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19	SARS-CoV-2 seroprevalence worldwide: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 331-340.	2.8	296
20	Enterocytozoon bienersi of animalsâ€”With an â€”Australian twistâ€”™. <i>Advances in Parasitology</i> , 2021, 111, 1-73.	1.4	26
21	Bulinus truncatus transcriptome â€” a resource to enable molecular studies of snail and schistosome biology. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100015.	0.7	5
22	Nanopore Sequencing Resolves Elusive Long Tandem-Repeat Regions in Mitochondrial Genomes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1811.	1.8	18
23	Phytochemical Profiling and Biological Activity of the Australian Carnivorous Plant, <i>Drosera magna</i> . <i>Journal of Natural Products</i> , 2021, 84, 964-971.	1.5	8
24	Molecular diagnosis of scabies using a novel probe-based polymerase chain reaction assay targeting high-copy number repetitive sequences in the <i>Sarcoptes scabiei</i> genome. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009149.	1.3	7
25	High-quality reference genome for <i>Clonorchis sinensis</i> . <i>Genomics</i> , 2021, 113, 1605-1615.	1.3	19
26	<i>Dipylidium caninum</i> draft genome - a new resource for comparative genomic and genetic explorations of flatworms. <i>Genomics</i> , 2021, 113, 1272-1280.	1.3	8
27	Three Small Molecule Entities (MPK18, MPK334 and YAK308) with Activity against <i>Haemonchus contortus</i> In Vitro. <i>Molecules</i> , 2021, 26, 2819.	1.7	2
28	Prospects of Using High-Throughput Proteomics to Underpin the Discovery of Animal Hostâ€”Nematode Interactions. <i>Pathogens</i> , 2021, 10, 825.	1.2	6
29	High-Throughput Phenotypic Assay to Screen for Anthelmintic Activity on <i>Haemonchus contortus</i> . <i>Pharmaceuticals</i> , 2021, 14, 616.	1.7	22
30	First Evidence of Function for <i>Schistosoma japonicum</i> riok-1 and RIOK-1. <i>Pathogens</i> , 2021, 10, 862.	1.2	3
31	Practical High-Throughput Method to Screen Compounds for Anthelmintic Activity against <i>Caenorhabditis elegans</i> . <i>Molecules</i> , 2021, 26, 4156.	1.7	12
32	Detection of <i>Breinlia</i> sp. (Nematoda) in the Leadbeater's possum (<i>Gymnobelideus leadbeateri</i>). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 15, 249-254.	0.6	3
33	How qPCR complements the WHO roadmap (2021â€”2030) for soil-transmitted helminths. <i>Trends in Parasitology</i> , 2021, 37, 698-708.	1.5	12
34	The mitogenome of <i>Halotydeus destructor</i> (Tucker) and its relationships with other trombidiform mites as inferred from nucleotide sequences and gene arrangements. <i>Ecology and Evolution</i> , 2021, 11, 14162-14174.	0.8	5
35	Update on SARS-CoV-2 seroprevalence: regional and worldwide. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1762-1771.	2.8	49
36	Seroprevalence Estimates of Latent and Acute <i>Toxoplasma</i> Infections in HIV+ Peopleâ€”Call for Action in Underprivileged Communities. <i>Microorganisms</i> , 2021, 9, 2034.	1.6	9

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37	High Throughput Screening of the NatureBank "Marine Collection"™ in a Haemonchus Bioassay Identifies Anthelmintic Activity in Extracts from a Range of Sponges from Australian Waters. <i>Molecules</i> , 2021, 26, 5846.	1.7	7
38	Design, synthesis and screening of a drug discovery library based on an Eremophila-derived serrulatane scaffold. <i>Phytochemistry</i> , 2021, 190, 112887.	1.4	4
39	Mitochondrial genome of <i>Bulinus truncatus</i> (Gastropoda: Lymnaeidae): Implications for snail systematics and schistosome epidemiology. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100017.	0.7	6
40	Helminth lipidomics: Technical aspects and future prospects. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100018.	0.7	6
41	Cryptosporidium of birds in pet markets in Wuhan city, Hubei, China. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100025.	0.7	3
42	Ocular Filariasis in Human Caused by <i>Breintia</i> (<i>Johnstonema</i>) <i>annulipapillata</i> Nematode, Australia. <i>Emerging Infectious Diseases</i> , 2021, 27, 297-300.	2.0	4
43	Advances in the discovery and development of anthelmintics by harnessing natural product scaffolds. <i>Advances in Parasitology</i> , 2021, 111, 203-251.	1.4	14
44	Targeted Next-Generation Sequencing and Informatics as an Effective Tool to Establish the Composition of Bovine Piroplasm Populations in Endemic Regions. <i>Microorganisms</i> , 2021, 9, 21.	1.6	10
45	Phylogenetic relationships of the nematode subfamily Phascolostrongylinae from macropodid and vombatid marsupials inferred using mitochondrial protein sequence data. <i>Parasites and Vectors</i> , 2021, 14, 523.	1.0	2
46	Case-Control Study to Assess the Association between Epilepsy and Toxocara Infection/Exposure. <i>Microorganisms</i> , 2021, 9, 2091.	1.6	5
47	Advances in the treatment, diagnosis, control and scientific understanding of taeniid cestode parasite infections over the past 50 years. <i>International Journal for Parasitology</i> , 2021, 51, 1167-1192.	1.3	21
48	Translational Research of Zoonotic Parasites: Toward Improved Tools for Diagnosis, Treatment and Control. <i>Pathogens</i> , 2021, 10, 1416.	1.2	1
49	Phytochemical Profiling and Biological Testing of the Constituents of the Australian Plant <i>Haemodorum brevisepalum</i> . <i>Journal of Natural Products</i> , 2021, 84, 2832-2844.	1.5	1
50	Ticks and tick-borne diseases of bovines in a smallholder livestock context: The Pakistani example. <i>Advances in Parasitology</i> , 2021, 114, 167-244.	1.4	3
51	Dysidenin from the Marine Sponge <i>Citronia</i> sp. Affects the Motility and Morphology of <i>Haemonchus contortus</i> Larvae In Vitro. <i>Marine Drugs</i> , 2021, 19, 698.	2.2	4
52	A serine/threonine-specific protein kinase of <i>Haemonchus contortus</i> with a role in the development. <i>FASEB Journal</i> , 2020, 34, 2075-2086.	0.2	8
53	Bovine ticks harbour a diverse array of microorganisms in Pakistan. <i>Parasites and Vectors</i> , 2020, 13, 1.	1.0	141
54	The developmental phosphoproteome of <i>Haemonchus contortus</i> . <i>Journal of Proteomics</i> , 2020, 213, 103615.	1.2	21

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55	An appraisal of oriental theileriosis and the <i>Theileria orientalis</i> complex, with an emphasis on diagnosis and genetic characterisation. <i>Parasitology Research</i> , 2020, 119, 11-22.	0.6	33
56	Combined use of feature engineering and machine-learning to predict essential genes in <i>Drosophila melanogaster</i> . <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa051.	1.5	10
57	High-quality nuclear genome for <i>Sarcoptes scabiei</i> —A critical resource for a neglected parasite. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008720.	1.3	25
58	Disseminated protozoal infection in a wild feathertail glider (<i>Acrobates pygmaeus</i>) in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 13, 46-50.	0.6	1
59	<i>Cryptosporidium</i> cf. <i>avium</i> in an inland-bearded dragon (<i>Pogona vitticeps</i>) — A case report and review of the literature. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 13, 150-159.	0.6	2
60	Natural Compounds from the Marine Brown Alga <i>Caulocystis cephalornithos</i> with Potent In Vitro-Activity against the Parasitic Nematode <i>Haemonchus contortus</i> . <i>Pathogens</i> , 2020, 9, 550.	1.2	17
61	Major SCP/TAPS protein expansion in <i>Lucilia cuprina</i> is associated with novel tandem array organisation and domain architecture. <i>Parasites and Vectors</i> , 2020, 13, 598.	1.0	1
62	“Begging the Question” Does <i>Toxocara</i> Infection/Exposure Associate with Multiple Sclerosis-Risk?. <i>Pathogens</i> , 2020, 9, 938.	1.2	9
63	Eukaryote-Conserved Methylarginine Is Absent in Diplomonads and Functionally Compensated in <i>Giardia</i> . <i>Molecular Biology and Evolution</i> , 2020, 37, 3525-3549.	3.5	9
64	Use of kinase inhibitors against schistosomes to improve and broaden praziquantel efficacy. <i>Parasitology</i> , 2020, 147, 1488-1498.	0.7	7
65	Toward integrative omics of the barber’s pole worm and related parasitic nematodes. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104500.	1.0	11
66	Diversity in the intrinsic apoptosis pathway of nematodes. <i>Communications Biology</i> , 2020, 3, 478.	2.0	4
67	DNA Footprints: Using Parasites to Detect Elusive Animals, Proof of Principle in Hedgehogs. <i>Animals</i> , 2020, 10, 1420.	1.0	5
68	An Assessment of the Molecular Diversity of Ticks and Tick-Borne Microorganisms of Small Ruminants in Pakistan. <i>Microorganisms</i> , 2020, 8, 1428.	1.6	21
69	First record of a tandem-repeat region within the mitochondrial genome of <i>Clonorchis sinensis</i> using a long-read sequencing approach. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008552.	1.3	18
70	Marked mitochondrial genetic variation in individuals and populations of the carcinogenic liver fluke <i>Clonorchis sinensis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008480.	1.3	6
71	Phylogenetic Analysis of Mitogenomic Data Sets Resolves the Relationship of Seven Macropostrongyloides Species from Australian Macropodid and Vombatid Marsupials. <i>Pathogens</i> , 2020, 9, 1042.	1.2	5
72	Global and regional seroprevalence estimates for human toxocariasis: A call for action. <i>Advances in Parasitology</i> , 2020, 109, 275-290.	1.4	37

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73	Comatulins Aâ€“E, Taurine-Conjugated Anthraquinones from the Australian Crinoid <i>Comatula rotularia</i> . <i>Journal of Natural Products</i> , 2020, 83, 1971-1979.	1.5	5
74	Predicting gene essentiality in <i>Caenorhabditis elegans</i> by feature engineering and machine-learning. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1093-1102.	1.9	15
75	Exploring the prevalence and diversity of bovine ticks in five agro-ecological zones of Pakistan using phenetic and genetic tools. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101472.	1.1	26
76	Age of first infection across a range of parasite taxa in a wild mammalian population. <i>Biology Letters</i> , 2020, 16, 20190811.	1.0	16
77	Multiplex PCRs for the specific identification of marsupial and deer species from faecal samples as a basis for non-invasive epidemiological studies of parasites. <i>Parasites and Vectors</i> , 2020, 13, 144.	1.0	3
78	Global Prevalence Estimates of <i>Toxascaris leonina</i> Infection in Dogs and Cats. <i>Pathogens</i> , 2020, 9, 503.	1.2	13
79	A Targeted "Next-Generation" Sequencing-Informatic Approach to Define Genetic Diversity in <i>Theileria orientalis</i> Populations within Individual Cattle: Proof-of-Principle. <i>Pathogens</i> , 2020, 9, 448.	1.2	6
80	Lipid composition and abundance in the reproductive and alimentary tracts of female <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2020, 13, 338.	1.0	13
81	Global prevalence of <i>Toxocara</i> infection in dogs. <i>Advances in Parasitology</i> , 2020, 109, 561-583.	1.4	62
82	Elucidating cryptic dynamics of <i>Theileria</i> communities in African buffalo using a high-throughput sequencing informatics approach. <i>Ecology and Evolution</i> , 2020, 10, 70-80.	0.8	19
83	Elucidating the molecular and developmental biology of parasitic nematodes: Moving to a multiomics paradigm. <i>Advances in Parasitology</i> , 2020, 108, 175-229.	1.4	17
84	High anti- <i>Ascaris</i> seroprevalence in fattening pigs in Sichuan, China, calls for improved management strategies. <i>Parasites and Vectors</i> , 2020, 13, 60.	1.0	10
85	Gene content evolution in the arthropods. <i>Genome Biology</i> , 2020, 21, 15.	3.8	150
86	Synthesis and structure-activity relationship study of pyrrolidine-oxadiazoles as anthelmintics against <i>Haemonchus contortus</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112100.	2.6	15
87	Expanded complement of Niemann-Pick type C2-like protein genes in <i>Clonorchis sinensis</i> suggests functions beyond sterol binding and transport. <i>Parasites and Vectors</i> , 2020, 13, 38.	1.0	3
88	Synthetic Kavalactone Analogues with Increased Potency and Selective Anthelmintic Activity against Larvae of <i>Haemonchus contortus</i> In Vitro. <i>Molecules</i> , 2020, 25, 2004.	1.7	4
89	Identification and characterization of an R-Smad homologue (Hco-DAF-8) from <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2020, 13, 164.	1.0	4
90	Global prevalence of <i>Toxocara</i> infection in cats. <i>Advances in Parasitology</i> , 2020, 109, 615-639.	1.4	48

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91	Synthesis, characterization and antiparasitic activity of organometallic derivatives of the anthelmintic drug albendazole. <i>Dalton Transactions</i> , 2020, 49, 6616-6626.	1.6	11
92	A perspective on the discovery of selected compounds with anthelmintic activity against the barber's pole worm "Where to from here?". <i>Advances in Parasitology</i> , 2020, 108, 1-45.	1.4	17
93	Quantitative lipidomic analysis of <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008848.	1.3	5
94	A Participatory Investigation of Bovine Health and Production Issues in Pakistan. <i>Frontiers in Veterinary Science</i> , 2020, 7, 248.	0.9	14
95	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
96	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
97	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
98	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
99	<i>Enterocytozoon bienersi</i> genotypes in cats and dogs in Victoria, Australia. <i>BMC Microbiology</i> , 2019, 19, 183.	1.3	22
100	Human toxocarasis " A look at a neglected disease through an epidemiological prism". <i>Infection, Genetics and Evolution</i> , 2019, 74, 104002.	1.0	76
101	An Evaluation of Machine Learning Approaches for the Prediction of Essential Genes in Eukaryotes Using Protein Sequence-Derived Features. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 785-796.	1.9	31
102	Dafachronic acid promotes larval development in <i>Haemonchus contortus</i> by modulating dauer signalling and lipid metabolism. <i>PLoS Pathogens</i> , 2019, 15, e1007960.	2.1	31
103	Acute <i>Toxoplasma</i> infection in pregnant women worldwide: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007807.	1.3	76
104	A suicide inhibitor of nematode trehalose-6-phosphate phosphatases. <i>Scientific Reports</i> , 2019, 9, 16165.	1.6	4
105	Identification of Fromiamycalin and Halaminol A from Australian Marine Sponge Extracts with Anthelmintic Activity against <i>Haemonchus contortus</i> . <i>Marine Drugs</i> , 2019, 17, 598.	2.2	17
106	The Challenge of Developing a Single-Dose Treatment for Scabies. <i>Trends in Parasitology</i> , 2019, 35, 931-943.	1.5	29
107	High-quality <i>Schistosoma haematobium</i> genome achieved by single-molecule and long-range sequencing. <i>GigaScience</i> , 2019, 8, .	3.3	41
108	Whole-genome sequence of the bovine blood fluke <i>Schistosoma bovis</i> supports interspecific hybridization with <i>S. haematobium</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007513.	2.1	49

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109	Haem Biology in Metazoan Parasites – The Bright Side of Haem™. Trends in Parasitology, 2019, 35, 213-225.	1.5	17
110	Albendazole resistance induced in <i>Ancylostoma ceylanicum</i> is not due to single-nucleotide polymorphisms (SNPs) at codons 167, 198, or 200 of the beta-tubulin gene, indicating another resistance mechanism. Parasitology Research, 2019, 118, 837-849.	0.6	17
111	Long-read sequencing reveals a 4.4kb tandem repeat region in the mitogenome of <i>Echinococcus granulosus</i> (sensu stricto) genotype G1. Parasites and Vectors, 2019, 12, 238.	1.0	31
112	An appraisal of natural products active against parasitic nematodes of animals. Parasites and Vectors, 2019, 12, 306.	1.0	52
113	Comparative genome analysis indicates high evolutionary potential of pathogenicity genes in <i>Colletotrichum tanacetii</i> . PLoS ONE, 2019, 14, e0212248.	1.1	19
114	High throughput LC-MS/MS-based proteomic analysis of excretory-secretory products from short-term in vitro culture of <i>Haemonchus contortus</i> . Journal of Proteomics, 2019, 204, 103375.	1.2	44
115	Quantitative PCR-Based Diagnosis of Soil-Transmitted Helminth Infections: Faecal or Fickle?. Trends in Parasitology, 2019, 35, 491-500.	1.5	46
116	DRfit: a Java tool for the analysis of discrete data from multi-well plate assays. BMC Bioinformatics, 2019, 20, 262.	1.2	3
117	Phenotypic screening of the Kurz-box™ of chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of <i>Haemonchus contortus</i> . Parasites and Vectors, 2019, 12, 191.	1.0	10
118	Dauer signalling pathway model for <i>Haemonchus contortus</i> . Parasites and Vectors, 2019, 12, 187.	1.0	25
119	Transcriptional alterations in <i>Caenorhabditis elegans</i> following exposure to an anthelmintic fraction of the plant <i>Picria fel-terrae</i> Lour.. Parasites and Vectors, 2019, 12, 181.	1.0	2
120	Novel 1-Methyl-1 <i>H</i> -pyrazole-5-carboxamide Derivatives with Potent Anthelmintic Activity. Journal of Medicinal Chemistry, 2019, 62, 3367-3380.	2.9	15
121	Human cyclosporiasis. Lancet Infectious Diseases, The, 2019, 19, e226-e236.	4.6	55
122	Common workflow language (CWL)-based software pipeline for de novo genome assembly from long- and short-read data. GigaScience, 2019, 8, .	3.3	17
123	Exploration of extracellular vesicles from <i>Ascaris suum</i> provides evidence of parasite-host cross talk. Journal of Extracellular Vesicles, 2019, 8, 1578116.	5.5	103
124	Molecular evidence for distinct modes of nutrient acquisition between visceral and neurotropic schistosomes of birds. Scientific Reports, 2019, 9, 1347.	1.6	17
125	Selected β -pyrones from the plants <i>Cryptocarya novoguineensis</i> (Lauraceae) and <i>Piper methysticum</i> (Piperaceae) with activity against <i>Haemonchus contortus</i> in vitro. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 72-79.	1.4	10
126	Somatic proteome of <i>Haemonchus contortus</i> . International Journal for Parasitology, 2019, 49, 311-320.	1.3	38

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127	Seroprevalence estimates for toxocariasis in people worldwide: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007809.	1.3	107
128	A TGF- β 2 type II receptor that associates with developmental transition in <i>Haemonchus contortus</i> in vitro. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007913.	1.3	12
129	Structure-Activity Relationship Studies of Tolfenpyrad Reveal Subnanomolar Inhibitors of <i>Haemonchus contortus</i> Development. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1036-1053.	2.9	17
130	Comparative bioinformatic analysis suggests that specific dauer-like signalling pathway components regulate <i>Toxocara canis</i> development and migration in the mammalian host. <i>Parasites and Vectors</i> , 2019, 12, 32.	1.0	15
131	Tetrahydroquinoxalines induce a lethal evisceration phenotype in <i>Haemonchus contortus</i> in vitro. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 9, 59-71.	1.4	15
132	Transcriptomic Resources for Parasitic Nematodes of Veterinary Importance. <i>Trends in Parasitology</i> , 2019, 35, 72-84.	1.5	20
133	<i>Enterocytozoon bienersi</i> Genotypes in Cattle on Farms Located within a Water Catchment Area. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 553-559.	0.8	26
134	Helminth Microbiomes – A Hidden Treasure Trove?. <i>Trends in Parasitology</i> , 2019, 35, 13-22.	1.5	36
135	Phylogenetic relationships of three tribes of cloacine nematodes (Strongylida: Chabertiidae) from macropodid marsupials. <i>Journal of Helminthology</i> , 2019, 93, 486-493.	0.4	3
136	Improved genomic resources and new bioinformatic workflow for the carcinogenic parasite <i>Clonorchis sinensis</i> : Biotechnological implications. <i>Biotechnology Advances</i> , 2018, 36, 894-904.	6.0	20
137	First detection and genetic characterisation of <i>Enterocytozoon bienersi</i> in wild deer in Melbourne's water catchments in Australia. <i>Parasites and Vectors</i> , 2018, 11, 2.	1.0	41
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146	Optimization of Novel 1-Methyl-1 <i>H</i> -Pyrazole-5-carboxamides Leads to High Potency Larval Development Inhibitors of the Barber's Pole Worm. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10875-10894.	2.9	29
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154	Molecular alterations during larval development of <i>Haemonchus contortus</i> in vitro are under tight post-transcriptional control. <i>International Journal for Parasitology</i> , 2018, 48, 763-772.	1.3	30
155	Global phylogeography and genetic diversity of the zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1. <i>International Journal for Parasitology</i> , 2018, 48, 729-742.	1.3	77
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158	Trehalose 6-phosphate phosphatases of <i>Pseudomonas aeruginosa</i> . <i>FASEB Journal</i> , 2018, 32, 5470-5482.	0.2	9
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160	New operational taxonomic units of <i>Enterocytozoon</i> in three marsupial species. <i>Parasites and Vectors</i> , 2018, 11, 371.	1.0	20
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167	<i>Clonorchis sinensis</i> and Clonorchiasis: The Relevance of Exploring Genetic Variation. <i>Advances in Parasitology</i> , 2018, 100, 155-208.	1.4	18
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172	Probing function and structure of trehalose-6-phosphate phosphatases from pathogenic organisms suggests distinct molecular groupings. <i>FASEB Journal</i> , 2017, 31, 920-926.	0.2	9
173	Mitochondrial genomes of two <i>Babesia</i> taxa from sheep in China as a foundation for population genetic and epidemiological investigations. <i>Infection, Genetics and Evolution</i> , 2017, 47, 51-55.	1.0	6
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179	<i>Ascaris</i> phylogeny based on multiple whole mtDNA genomes. <i>Infection, Genetics and Evolution</i> , 2017, 48, 4-9.	1.0	19
180	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	13.7	1,942

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190	Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2017, 10, 272.	1.0	25
191	Comparative transcriptomic analyses of male and female adult <i>Toxocara canis</i> . <i>Gene</i> , 2017, 600, 85-89.	1.0	12
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195	Application of PCR-Based Tools to Explore <i>Strongyloides</i> Infection in People in Parts of Northern Australia. <i>Tropical Medicine and Infectious Disease</i> , 2017, 2, 62.	0.9	15
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214	First survey of parasitic helminths of goats along the Han River in Hubei Province, China. <i>Acta Parasitologica</i> , 2016, 61, 602-6.	0.4	8
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219	Molecular characterization of species of <i>Cloacina</i> (Strongyloidea: Cloacininae) from the common wallaroo, <i>Macropus robustus</i> (Marsupialia: Macropodidae) in Australia. <i>Infection, Genetics and Evolution</i> , 2016, 44, 245-253.	1.0	3
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233	Detection of cryptic species of <i>Rugopharynx</i> (Nematoda: Strongylida) from the stomachs of Australian macropodid marsupials. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 124-133.	0.6	12
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237	Molecular analysis of <i>Cryptosporidium</i> from cattle from five states of Peninsular Malaysia. <i>Molecular and Cellular Probes</i> , 2016, 30, 39-43.	0.9	7
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242	The complement of family M1 aminopeptidases of <i>Haemonchus contortus</i> – Biotechnological implications. <i>Biotechnology Advances</i> , 2016, 34, 65-76.	6.0	8
243	A perspective on genomic-guided anthelmintic discovery and repurposing using <i>Haemonchus contortus</i> . <i>Infection, Genetics and Evolution</i> , 2016, 40, 368-373.	1.0	19
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247	A practical Java tool for small-molecule compound appraisal. <i>Journal of Cheminformatics</i> , 2015, 7, 28.	2.8	11
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250	Detection of <i>Cyclospora</i> in captive chimpanzees and macaques by a quantitative PCR-based mutation scanning approach. <i>Parasites and Vectors</i> , 2015, 8, 274.	1.0	22
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254	Assessment of sequence variability in a p23 gene region within and among three genotypes of the <i>Theileria orientalis</i> complex from south-eastern Australia. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 123-128.	1.1	9
255	New Research Tools for Urogenital Schistosomiasis. <i>Journal of Infectious Diseases</i> , 2015, 211, 861-869.	1.9	24
256	Multiplex PCR for the detection and quantification of zoonotic taxa of <i>Giardia</i> , <i>Cryptosporidium</i> and <i>Toxoplasma</i> in wastewater and mussels. <i>Molecular and Cellular Probes</i> , 2015, 29, 122-125.	0.9	44
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261	Drug resistance in <i>Giardia duodenalis</i> . <i>Biotechnology Advances</i> , 2015, 33, 888-901.	6.0	94
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303	President's message. <i>International Journal for Parasitology</i> , 2014, 44, 847.	1.3	0
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324	Molecular-based investigation of <i>Cryptosporidium</i> and <i>Giardia</i> from animals in water catchments in southeastern Australia. <i>Water Research</i> , 2013, 47, 1726-1740.	5.3	65

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340	An improved molecular diagnostic assay for canine and feline dermatophytosis. <i>Medical Mycology</i> , 2013, 51, 136-143.	0.3	39
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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592	Genotyping <i>Taenia</i> tapeworms by single-strand conformation polymorphism of mitochondrial DNA. <i>Electrophoresis</i> , 1999, 20, 2834-2837.	1.3	25
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