

# Robin B Gasser

## List of Publications by Year in Descending Order

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**Version:** 2024-04-19

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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.

625  
papers

20,337  
citations

68  
h-index

108  
g-index

645  
ext. papers

23,376  
ext. citations

5.5  
avg, IF

6.93  
L-index

#	Paper	IF	Citations
625	A High-Throughput Phenotypic Screen of the Pandemic Response Box Identifies a Quinoline Derivative with Significant Anthelmintic Activity.. <i>Pharmaceuticals</i> , <b>2022</b> , 15,	5.2	1
624	Nuclear genome of <i>Bulinus truncatus</i> , an intermediate host of the carcinogenic human blood fluke <i>Schistosoma haematobium</i> .. <i>Nature Communications</i> , <b>2022</b> , 13, 977	17.4	0
623	Chromosome-level genome of <i>Schistosoma haematobium</i> underpins genome-wide explorations of molecular variation.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010288	7.6	1
622	Assessing the Anthelmintic Candidates BLK127 and HBK4 for Their Efficacy on Adults and Eggs, and Their Hepatotoxicity and Biotransformation.. <i>Pharmaceuticals</i> , <b>2022</b> , 14,	6.4	1
621	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> , <b>2022</b> , 5, 199	6.7	1
620	Worms and bugs of the gut: the search for diagnostic signatures using barcoding, and metagenomics-metabolomics.. <i>Parasites and Vectors</i> , <b>2022</b> , 15, 118	4	1
619	Whole-organism phenotypic screening methods used in early-phase anthelmintic drug discovery.. <i>Biotechnology Advances</i> , <b>2022</b> , 107937	17.8	0
618	A Perspective on the Molecular Identification, Classification, and Epidemiology of <i>Enterocytozoon bieneusi</i> of Animals.. <i>Experientia Supplementum (2012)</i> , <b>2022</b> , 114, 389-415	2.2	
617	Novel High-Throughput Fluorescence-Based Assay for the Identification of Nematocidal Compounds That Target the Blood-Feeding Pathway. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 669	5.2	
616	Phytochemical Profiling and Biological Testing of the Constituents of the Australian Plant. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2832-2844	4.9	0
615	Ticks and tick-borne diseases of bovines in a smallholder livestock context: The Pakistani example. <i>Advances in Parasitology</i> , <b>2021</b> , 114, 167-244	3.2	
614	Phylogenetic relationships of the nematode subfamily Phascolostrongylinae from macropodid and vombatid marsupials inferred using mitochondrial protein sequence data. <i>Parasites and Vectors</i> , <b>2021</b> , 14, 523	4	0
613	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> , <b>2021</b> , 51, 1167-1167	4.3	3
612	High-quality reference genome for <i>Clonorchis sinensis</i> . <i>Genomics</i> , <b>2021</b> , 113, 1605-1615	4.3	8
611	<i>Dipylidium caninum</i> draft genome - a new resource for comparative genomic and genetic explorations of flatworms. <i>Genomics</i> , <b>2021</b> , 113, 1272-1280	4.3	2
610	Three Small Molecule Entities (MPK18, MPK334 and YAK308) with Activity against In Vitro. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
609	Prospects of Using High-Throughput Proteomics to Underpin the Discovery of Animal Host-Nematode Interactions. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	1

608	High-Throughput Phenotypic Assay to Screen for Anthelmintic Activity on. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	4
607	OGEE v3: Online GENE Essentiality database with increased coverage of organisms and human cell lines. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D998-D1003	20.1	14
606	1-Methyl-1-pyrazole-5-carboxamide Derivatives Exhibit Unexpected Acute Mammalian Toxicity. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 840-844	8.3	0
605	SARS-CoV-2 seroprevalence worldwide: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 331-340	9.5	162
604	Enterocytozoon bienersi of animals-With an Australian twist <i>Advances in Parasitology</i> , <b>2021</b> , 111, 1-73	3.2	10
603	transcriptome - a resource to enable molecular studies of snail and schistosome biology.. <i>Current Research in Parasitology and Vector-borne Diseases</i> , <b>2021</b> , 1, 100015		1
602	Nanopore Sequencing Resolves Elusive Long Tandem-Repeat Regions in Mitochondrial Genomes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
601	Phytochemical Profiling and Biological Activity of the Australian Carnivorous Plant,. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 964-971	4.9	4
600	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> , <b>2021</b> , 15, e0009149	4.8	2
599	Practical High-Throughput Method to Screen Compounds for Anthelmintic Activity against. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
598	Detection of sp. (Nematoda) in the Leadbeater possum (). <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2021</b> , 15, 249-254	2.6	1
597	How qPCR complements the WHO roadmap (2021-2030) for soil-transmitted helminths. <i>Trends in Parasitology</i> , <b>2021</b> , 37, 698-708	6.4	6
596	Harnessing model organism genomics to underpin the machine learning-based prediction of essential genes in eukaryotes - Biotechnological implications. <i>Biotechnology Advances</i> , <b>2021</b> , 107822	17.8	0
595	The mitogenome of (Tucker) and its relationships with other trombidiform mites as inferred from nucleotide sequences and gene arrangements. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 14162-14174	2.8	0
594	Update on SARS-CoV-2 seroprevalence: regional and worldwide. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1762-1771	9.5	9
593	Seroprevalence Estimates of Latent and Acute Infections in HIV People-Call for Action in Underprivileged Communities. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	3
592	Design, synthesis and screening of a drug discovery library based on an Eremophila-derived serrulatane scaffold. <i>Phytochemistry</i> , <b>2021</b> , 190, 112887	4	1
591	Mitochondrial genome of (Gastropoda: Lymnaeidae): Implications for snail systematics and schistosome epidemiology.. <i>Current Research in Parasitology and Vector-borne Diseases</i> , <b>2021</b> , 1, 100017		1

590	Helminth lipidomics: Technical aspects and future prospects.. <i>Current Research in Parasitology and Vector-borne Diseases</i> , <b>2021</b> , 1, 100018		0
589	of birds in pet markets in Wuhan city, Hubei, China.. <i>Current Research in Parasitology and Vector-borne Diseases</i> , <b>2021</b> , 1, 100025		0
588	Ocular Filariasis in Human Caused by <i>Brelinia (Johnstonema) annulipapillata</i> Nematode, Australia. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 297-300	10.2	2
587	Advances in the discovery and development of anthelmintics by harnessing natural product scaffolds. <i>Advances in Parasitology</i> , <b>2021</b> , 111, 203-251	3.2	5
586	Global and regional seroprevalence estimates for human toxocariasis: A call for action. <i>Advances in Parasitology</i> , <b>2020</b> , 109, 275-290	3.2	14
585	Comatulins A-E, Taurine-Conjugated Anthraquinones from the Australian Crinoid. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1971-1979	4.9	1
584	Predicting gene essentiality in by feature engineering and machine-learning. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 1093-1102	6.8	6
583	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> , <b>2020</b> , 11, 101472	3.6	12
582	Age of first infection across a range of parasite taxa in a wild mammalian population. <i>Biology Letters</i> , <b>2020</b> , 16, 20190811	3.6	7
581	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> , <b>2020</b> , 13, 144	4	2
580	Global Prevalence Estimates of Infection in Dogs and Cats. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	4
579	A Targeted "Next-Generation" Sequencing-Informatic Approach to Define Genetic Diversity in Populations within Individual Cattle: Proof-of-Principle. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	1
578	Lipid composition and abundance in the reproductive and alimentary tracts of female <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2020</b> , 13, 338	4	3
577	Global prevalence of <i>Toxocara</i> infection in dogs. <i>Advances in Parasitology</i> , <b>2020</b> , 109, 561-583	3.2	29
576	Elucidating cryptic dynamics of communities in African buffalo using a high-throughput sequencing informatics approach. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 70-80	2.8	12
575	Elucidating the molecular and developmental biology of parasitic nematodes: Moving to a multiomics paradigm. <i>Advances in Parasitology</i> , <b>2020</b> , 108, 175-229	3.2	12
574	High anti- <i>Ascaris</i> seroprevalence in fattening pigs in Sichuan, China, calls for improved management strategies. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 60	4	5
573	Gene content evolution in the arthropods. <i>Genome Biology</i> , <b>2020</b> , 21, 15	18.3	63

572	Synthesis and structure-activity relationship study of pyrrolidine-oxadiazoles as anthelmintics against <i>Haemonchus contortus</i> . <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 190, 112100	6.8	7
571	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> , <b>2020</b> , 13, 38	4	1
570	Synthetic Kavalactone Analogues with Increased Potency and Selective Anthelmintic Activity against Larvae of <i>In Vitro</i> . <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
569	Identification and characterization of an R-Smad homologue (Hco-DAF-8) from <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2020</b> , 13, 164	4	3
568	Global prevalence of <i>Toxocara</i> infection in cats. <i>Advances in Parasitology</i> , <b>2020</b> , 109, 615-639	3.2	22
567	Synthesis, characterization and antiparasitic activity of organometallic derivatives of the anthelmintic drug albendazole. <i>Dalton Transactions</i> , <b>2020</b> , 49, 6616-6626	4.3	4
566	Quantitative lipidomic analysis of <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008848	4.8	2
565	A Participatory Investigation of Bovine Health and Production Issues in Pakistan. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 248	3.1	5
564	Targeted Next-Generation Sequencing and Informatics as an Effective Tool to Establish the Composition of Bovine Piroplasm Populations in Endemic Regions. <i>Microorganisms</i> , <b>2020</b> , 9,	4.9	5
563	A perspective on the discovery of selected compounds with anthelmintic activity against the barber pole worm-Where to from here?. <i>Advances in Parasitology</i> , <b>2020</b> , 108, 1-45	3.2	5
562	A serine/threonine-specific protein kinase of <i>Haemonchus contortus</i> with a role in the development. <i>FASEB Journal</i> , <b>2020</b> , 34, 2075-2086	0.9	6
561	Bovine ticks harbour a diverse array of microorganisms in Pakistan. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 1	4	86
560	The developmental phosphoproteome of <i>Haemonchus contortus</i> . <i>Journal of Proteomics</i> , <b>2020</b> , 213, 103615	3.15	9
559	An appraisal of oriental theileriosis and the <i>Theileria orientalis</i> complex, with an emphasis on diagnosis and genetic characterisation. <i>Parasitology Research</i> , <b>2020</b> , 119, 11-22	2.4	14
558	Combined use of feature engineering and machine-learning to predict essential genes in. <i>NAR Genomics and Bioinformatics</i> , <b>2020</b> , 2, lqaa051	3.7	4
557	High-quality nuclear genome for <i>Sarcoptes scabiei</i> -A critical resource for a neglected parasite. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008720	4.8	7
556	Disseminated protozoal infection in a wild feathertail glider () in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2020</b> , 13, 46-50	2.6	1
555	cf. in an inland-bearded dragon () - A case report and review of the literature. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2020</b> , 13, 150-159	2.6	0

554	Natural Compounds from the Marine Brown Alga with Potent In Vitro-Activity against the Parasitic Nematode. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	8
553	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> , <b>2020</b> , 13, 598	4	0
552	"Begging the Question"-Does Infection/Exposure Associate with Multiple Sclerosis-Risk?. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	2
551	Eukaryote-Conserved Methylarginine Is Absent in Diplomonads and Functionally Compensated in <i>Giardia</i> . <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 3525-3549	8.3	4
550	Use of kinase inhibitors against schistosomes to improve and broaden praziquantel efficacy. <i>Parasitology</i> , <b>2020</b> , 147, 1488-1498	2.7	3
549	Toward integrative Omics of the barber's pole worm and related parasitic nematodes. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 85, 104500	4.5	6
548	Diversity in the intrinsic apoptosis pathway of nematodes. <i>Communications Biology</i> , <b>2020</b> , 3, 478	6.7	0
547	DNA Footprints: Using Parasites to Detect Elusive Animals, Proof of Principle in Hedgehogs. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
546	An Assessment of the Molecular Diversity of Ticks and Tick-Borne Microorganisms of Small Ruminants in Pakistan. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	8
545	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> , <b>2020</b> , 14, e0008552	4.8	10
544	Marked mitochondrial genetic variation in individuals and populations of the carcinogenic liver fluke <i>Clonorchis sinensis</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008480	4.8	4
543	Phylogenetic Analysis of Mitogenomic Data Sets Resolves the Relationship of Seven Species from Australian Macropodid and Vombatid Marsupials. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	4
542	Quantitative lipidomic analysis of <i>Ascaris suum</i> <b>2020</b> , 14, e0008848		
541	Quantitative lipidomic analysis of <i>Ascaris suum</i> <b>2020</b> , 14, e0008848		
540	Quantitative lipidomic analysis of <i>Ascaris suum</i> <b>2020</b> , 14, e0008848		
539	Quantitative lipidomic analysis of <i>Ascaris suum</i> <b>2020</b> , 14, e0008848		
538	The Challenge of Developing a Single-Dose Treatment for Scabies. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 931-943	9.4	14
537	High-quality <i>Schistosoma haematobium</i> genome achieved by single-molecule and long-range sequencing. <i>GigaScience</i> , <b>2019</b> , 8,	7.6	26

536	Whole-genome sequence of the bovine blood fluke <i>Schistosoma bovis</i> supports interspecific hybridization with <i>S. haematobium</i> . <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007513	7.6	27
535	Haem Biology in Metazoan Parasites - The Bright Side of Haem. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 213-225.	4	7
534	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. <i>Parasitology Research</i> , <b>2019</b> , 118, 837-849	2.4	9
533	Long-read sequencing reveals a 4.4kb tandem repeat region in the mitogenome of <i>Echinococcus granulosus</i> (sensu stricto) genotype G1. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 238	4	25
532	An appraisal of natural products active against parasitic nematodes of animals. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 306	4	23
531	Comparative genome analysis indicates high evolutionary potential of pathogenicity genes in <i>Colletotrichum tanacetii</i> . <i>PLoS ONE</i> , <b>2019</b> , 14, e0212248	3.7	12
530	High throughput LC-MS/MS-based proteomic analysis of excretory-secretory products from short-term in vitro culture of <i>Haemonchus contortus</i> . <i>Journal of Proteomics</i> , <b>2019</b> , 204, 103375	3.9	19
529	Quantitative PCR-Based Diagnosis of Soil-Transmitted Helminth Infections: Faecal or Fickle?. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 491-500	6.4	28
528	DRfit: a Java tool for the analysis of discrete data from multi-well plate assays. <i>BMC Bioinformatics</i> , <b>2019</b> , 20, 262	3.6	3
527	Phenotypic screening of the Curz-box of chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2019</b> , 12, 191	4	9
526	Dauer signalling pathway model for <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2019</b> , 12, 187	4	16
525	Transcriptional alterations in <i>Caenorhabditis elegans</i> following exposure to an anthelmintic fraction of the plant <i>Picria fel-terrae</i> Lour. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 181	4	2
524	Novel 1-Methyl-1 H-pyrazole-5-carboxamide Derivatives with Potent Anthelmintic Activity. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 3367-3380	8.3	10
523	Human cyclosporiasis. <i>Lancet Infectious Diseases</i> , <b>2019</b> , 19, e226-e236	25.5	32
522	Common workflow language (CWL)-based software pipeline for de novo genome assembly from long- and short-read data. <i>GigaScience</i> , <b>2019</b> , 8,	7.6	12
521	Exploration of extracellular vesicles from provides evidence of parasite-host cross talk. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1578116	16.4	42
520	Molecular evidence for distinct modes of nutrient acquisition between visceral and neurotropic schistosomes of birds. <i>Scientific Reports</i> , <b>2019</b> , 9, 1347	4.9	8
519	Selected Pyrones from the plants <i>Cryptocarya novoguineensis</i> (Lauraceae) and <i>Piper methysticum</i> (Piperaceae) with activity against <i>Haemonchus contortus</i> in vitro. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2019</b> , 9, 72-79	4	7

518	Enterocytozoon bienersi genotypes in cats and dogs in Victoria, Australia. <i>BMC Microbiology</i> , <b>2019</b> , 19, 183	4.5	14
517	Human toxocariasis - A look at a neglected disease through an epidemiological prism. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 74, 104002	4.5	44
516	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> , <b>2019</b> , 17, 785-796	6.8	18
515	Dafachronic acid promotes larval development in <i>Haemonchus contortus</i> by modulating dauer signalling and lipid metabolism. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007960	7.6	19
514	Acute Toxoplasma infection in pregnant women worldwide: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007807	4.8	47
513	A suicide inhibitor of nematode trehalose-6-phosphate phosphatases. <i>Scientific Reports</i> , <b>2019</b> , 9, 16165	4.9	2
512	Identification of Fromiamycin and Halaminol A from Australian Marine Sponge Extracts with Anthelmintic Activity against. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	10
511	Somatic proteome of <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , <b>2019</b> , 49, 311-320	4.3	20
510	Seroprevalence estimates for toxocariasis in people worldwide: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007809	4.8	49
509	A TGF- $\beta$ type II receptor that associates with developmental transition in <i>Haemonchus contortus</i> in vitro. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007913	4.8	7
508	Structure-Activity Relationship Studies of Tolfenpyrad Reveal Subnanomolar Inhibitors of <i>Haemonchus contortus</i> Development. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1036-1053	8.3	13
507	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> , <b>2019</b> , 12, 32	4	14
506	Tetrahydroquinoxalines induce a lethal evisceration phenotype in <i>Haemonchus contortus</i> in vitro. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2019</b> , 9, 59-71	4	13
505	Transcriptomic Resources for Parasitic Nematodes of Veterinary Importance. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 72-84	6.4	15
504	Enterocytozoon bienersi Genotypes in Cattle on Farms Located within a Water Catchment Area. <i>Journal of Eukaryotic Microbiology</i> , <b>2019</b> , 66, 553-559	3.6	18
503	Helminth Microbiomes - A Hidden Treasure Trove?. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 13-22	6.4	22
502	Phylogenetic relationships of three tribes of cloacinine nematodes (Strongylida: Chabertiidae) from macropodid marsupials. <i>Journal of Helminthology</i> , <b>2019</b> , 93, 486-493	1.6	3
501	Improved genomic resources and new bioinformatic workflow for the carcinogenic parasite <i>Clonorchis sinensis</i> : Biotechnological implications. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 894-904	17.8	13

500	First detection and genetic characterisation of <i>Enterocytozoon bieneusi</i> in wild deer in Melbourne water catchments in Australia. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 2	4	31
499	Multiplexed Tandem PCR (MT-PCR) Assay Using the Major Piroplasm Surface Protein Gene for the Diagnosis of <i>Theileria orientalis</i> Infection in Cattle. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	3
498	Parasites of the Giant Panda: A Risk Factor in the Conservation of a Species. <i>Advances in Parasitology</i> , <b>2018</b> , 99, 1-33	3.2	11
497	Advances in kinome research of parasitic worms - implications for fundamental research and applied biotechnological outcomes. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 915-934	17.8	6
496	from the native Australian swamp rat An emerging zoonotic pathogen?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2018</b> , 7, 18-26	2.6	29
495	Trehalose 6-phosphate phosphatases of <i>Pseudomonas aeruginosa</i> . <i>FASEB Journal</i> , <b>2018</b> , 32, 5470-5482	0.9	9
494	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction in <i>Schistosoma japonicum</i> . <i>FASEB Journal</i> , <b>2018</b> , 32, fj201800725R	0.9	6
493	New operational taxonomic units of <i>Enterocytozoon</i> in three marsupial species. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 371	4	16
492	<i>Toxocara</i> eggs in public places worldwide - A systematic review and meta-analysis. <i>Environmental Pollution</i> , <b>2018</b> , 242, 1467-1475	9.3	68
491	Improved strategy for the curation and classification of kinases, with broad applicability to other eukaryotic protein groups. <i>Scientific Reports</i> , <b>2018</b> , 8, 6808	4.9	8
490	The small RNA complement of adult <i>Schistosoma haematobium</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006535	4.8	10
489	<i>Enterocytozoon bieneusi</i> genotypes in people with gastrointestinal disorders in Queensland and Western Australia. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 65, 293-299	4.5	16
488	The benefits of analysing complete mitochondrial genomes: Deep insights into the phylogeny and population structure of <i>Echinococcus granulosus sensu lato</i> genotypes G6 and G7. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 64, 85-94	4.5	39
487	<i>Opisthorchis viverrini</i> Draft Genome - Biomedical Implications and Future Avenues. <i>Advances in Parasitology</i> , <b>2018</b> , 101, 125-148	3.2	3
486	<i>Clonorchis sinensis</i> and Clonorchiasis: The Relevance of Exploring Genetic Variation. <i>Advances in Parasitology</i> , <b>2018</b> , 100, 155-208	3.2	11
485	Proteomic identification of galectin-11 and 14 ligands from. <i>PeerJ</i> , <b>2018</b> , 6, e4510	3.1	5
484	Human toxocariasis. <i>Lancet Infectious Diseases, The</i> , <b>2018</b> , 18, e14-e24	25.5	179
483	Working towards New Drugs against Parasitic Worms in a Public-Development Partnership. <i>Trends in Parasitology</i> , <b>2018</b> , 34, 4-6	6.4	15

482	Using PCR-Based Sequencing to Diagnose <i>Haycocknema perplexum</i> Infection in Human Myositis Case, Australia. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 2368-2370	10.2	3
481	Optimization of Novel 1-Methyl-1 H-Pyrazole-5-carboxamides Leads to High Potency Larval Development Inhibitors of the Barber@ Pole Worm. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 10875-10894	8.3	18
480	Interactive online application for the prediction, ranking and prioritisation of drug targets in <i>Schistosoma haematobium</i> . <i>Parasites and Vectors</i> , <b>2018</b> , 11, 605	4	
479	A TGF-@type I receptor-like molecule with a key functional role in <i>Haemonchus contortus</i> development. <i>International Journal for Parasitology</i> , <b>2018</b> , 48, 1023-1033	4.3	11
478	PCR-coupled sequencing achieves specific diagnosis of onchocerciasis in a challenging clinical case, to underpin effective treatment and clinical management. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 66, 192-194	4.5	2
477	Molecular investigation of <i>Cryptosporidium</i> in farmed chickens in Hubei Province, China, identifies @oonotic@subtypes of <i>C. meleagridis</i> . <i>Parasites and Vectors</i> , <b>2018</b> , 11, 484	4	21
476	First cross-sectional, molecular epidemiological survey of <i>Cryptosporidium</i> , <i>Giardia</i> and <i>Enterocytozoon</i> in alpaca ( <i>Vicugna pacos</i> ) in Australia. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 498	4	18
475	The developmental lipidome of <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , <b>2018</b> , 48, 887-895	4.3	16
474	Molecular alterations during larval development of <i>Haemonchus contortus</i> in vitro are under tight post-transcriptional control. <i>International Journal for Parasitology</i> , <b>2018</b> , 48, 763-772	4.3	19
473	Global phylogeography and genetic diversity of the zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1. <i>International Journal for Parasitology</i> , <b>2018</b> , 48, 729-742	4.3	54
472	Arylpyrrole and fipronil analogues that inhibit the motility and/or development of <i>Haemonchus contortus</i> in vitro. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2018</b> , 8, 379-385	4	7
471	Distinguishing <i>Echinococcus granulosus sensu stricto</i> genotypes G1 and G3 with confidence: A practical guide. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 64, 178-184	4.5	33
470	Genomics of worms, with an emphasis on <i>Opisthorchis viverrini</i> - opportunities for fundamental discovery and biomedical outcomes. <i>Parasitology International</i> , <b>2017</b> , 66, 341-345	2.1	7
469	An outbreak of oriental theileriosis in dairy cattle imported to Vietnam from Australia. <i>Parasitology</i> , <b>2017</b> , 144, 738-746	2.7	18
468	Mitochondrial genomic comparison of <i>Clonorchis sinensis</i> from South Korea with other isolates of this species. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 51, 160-166	4.5	9
467	Probing function and structure of trehalose-6-phosphate phosphatases from pathogenic organisms suggests distinct molecular groupings. <i>FASEB Journal</i> , <b>2017</b> , 31, 920-926	0.9	9
466	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> , <b>2017</b> , 47, 51-55	4.5	5
465	Screening of the @pen Scaffolds@collection from Compounds Australia identifies a new chemical entity with anthelmintic activities against different developmental stages of the barber@ pole worm and other parasitic nematodes. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2017</b> , 7, 286-291	4	26

464	Whipworm kinomes reflect a unique biology and adaptation to the host animal. <i>International Journal for Parasitology</i> , <b>2017</b> , 47, 857-866	4.3	9
463	First survey of Cryptosporidium, Giardia and Enterocytozoon in diarrhoeic children from Wuhan, China. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 51, 127-131	4.5	35
462	Inadequate Differentiation of Theileria orientalis Genotypes buffeli and ikeda in a Multiplexed Tandem PCR (MT-PCR) Assay Using the p23 Gene as a Marker. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 641-644	9.7	3
461	The apicoplast genomes of two taxonomic units of Babesia from sheep. <i>Veterinary Parasitology</i> , <b>2017</b> , 233, 123-128	2.8	5
460	Ascaris phylogeny based on multiple whole mtDNA genomes. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 48, 4-9	4.5	10
459	A communal catalogue reveals Earth@ multiscale microbial diversity. <i>Nature</i> , <b>2017</b> , 551, 457-463	50.4	1076
458	Molecular and immunological characterisation of tropomyosin from Anisakis pegreffii. <i>Parasitology Research</i> , <b>2017</b> , 116, 3291-3301	2.4	8
457	Screening of the Qstasis BoxQ identifies two kinase inhibitors under pharmaceutical development with activity against Haemonchus contortus. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 323	4	16
456	Use of a bioinformatic-assisted primer design strategy to establish a new nested PCR-based method for Cryptosporidium. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 509	4	13
455	Molecular investigation of Cryptosporidium and Giardia in pre- and post-weaned calves in Hubei Province, China. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 519	4	25
454	The RIO protein kinase-encoding gene Sj-riok-2 is involved in key reproductive processes in Schistosoma japonicum. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 604	4	6
453	The Battle Against Flystrike - Past Research and New Prospects Through Genomics. <i>Advances in Parasitology</i> , <b>2017</b> , 98, 227-281	3.2	4
452	Structural and developmental expression of Ss-riok-2, an RIO protein kinase encoding gene of Strongyloides stercoralis. <i>Scientific Reports</i> , <b>2017</b> , 7, 8693	4.9	4
451	Speciation in the genus Cloacina (Nematoda: Strongylida): species flocks and intra-host speciation. <i>Parasitology</i> , <b>2017</b> , 144, 1828-1840	2.7	8
450	Enzyme characteristics of pathogen-specific trehalose-6-phosphate phosphatases. <i>Scientific Reports</i> , <b>2017</b> , 7, 2015	4.9	11
449	Functional genomic exploration reveals that Ss-RIOK-1 is essential for the development and survival of Strongyloides stercoralis larvae. <i>International Journal for Parasitology</i> , <b>2017</b> , 47, 933-940	4.3	3
448	Genetic diversity in the C-terminus of merozoite surface protein 1 among Plasmodium knowlesi isolates from Selangor and Sabah Borneo, Malaysia. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 54, 39-46	4.5	13
447	Deguelin exerts potent nematocidal activity the mitochondrial respiratory chain. <i>FASEB Journal</i> , <b>2017</b> , 31, 4515-4532	0.9	14

446	Screening of a small, well-curated natural product-based library identifies two rotenoids with potent nematocidal activity against <i>Haemonchus contortus</i> . <i>Veterinary Parasitology</i> , <b>2017</b> , 244, 172-175	2.8	13
445	Phylogenetic analysis of the Australasian paralysis ticks and their relatives (Ixodidae: Ixodes: Sternalixodes). <i>Parasites and Vectors</i> , <b>2017</b> , 10, 122	4	13
444	Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2017</b> , 10, 272	4	20
443	Comparative transcriptomic analyses of male and female adult <i>Toxocara canis</i> . <i>Gene</i> , <b>2017</b> , 600, 85-89	3.8	12
442	Assessing the performance of multiplexed tandem PCR for the diagnosis of pathogenic genotypes of <i>Theileria orientalis</i> using pooled blood samples from cattle. <i>Molecular and Cellular Probes</i> , <b>2017</b> , 31, 70-75	3.3	7
441	Predominance of <i>Streptococcus suis</i> ST1 and ST7 in human cases in China, and detection of a novel sequence type, ST658. <i>Virulence</i> , <b>2017</b> , 8, 1031-1035	4.7	9
440	Molecular characterisation of <i>Theileria orientalis</i> in imported and native bovines from Pakistan. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 47, 19-25	4.5	19
439	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> , <b>2017</b> , 2,	3.5	9
438	Transcriptomics Indicates Active and Passive Metronidazole Resistance Mechanisms in Three Seminal Lines. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 398	5.7	26
437	Trehalose-6-phosphate phosphatase as a broad-spectrum therapeutic target against eukaryotic and prokaryotic pathogens. <i>Emerging Topics in Life Sciences</i> , <b>2017</b> , 1, 675-683	3.5	4
436	A perspective on genomic-guided anthelmintic discovery and repurposing using <i>Haemonchus contortus</i> . <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 40, 368-373	4.5	13
435	Is <i>Cryptosporidium</i> from the common wombat ( <i>Vombatus ursinus</i> ) a new species and distinct from <i>Cryptosporidium ubiquitum</i> ?. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 44, 28-33	4.5	5
434	Metabolic profiling and <i>in vitro</i> assessment of anthelmintic fractions of <i>Picria fel-terrae</i> Lour. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2016</b> , 6, 171-178	4	15
433	Understanding <i>Haemonchus contortus</i> Better Through Genomics and Transcriptomics. <i>Advances in Parasitology</i> , <b>2016</b> , 93, 519-67	3.2	28
432	Genomic resources for a unique, low-virulence <i>Babesia</i> taxon from China. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 564	4	10
431	Assessment of the nematocidal activity of metallocenyl analogues of monepantel. <i>Dalton Transactions</i> , <b>2016</b> , 45, 17662-17671	4.3	8
430	MicroRNAs of <i>Toxocara canis</i> and their predicted functional roles. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 229	4	20
429	Recent Advances in Elucidating Nematode Moulting - Prospects of Using <i>Oesophagostomum dentatum</i> as a Model. <i>Advances in Parasitology</i> , <b>2016</b> , 91, 233-64	3.2	5

428	More parasitic myositis cases in humans in Australia, and the definition of genetic markers for the causative agents as a basis for molecular diagnosis. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 44, 69-75	4.5	2
427	Cryptosporidium and Giardia taxa in faecal samples from animals in catchments supplying the city of Melbourne with drinking water (2011 to 2015). <i>Parasites and Vectors</i> , <b>2016</b> , 9, 315	4	39
426	Phylogenetic relationships of species of the oesophageal parasitic nematode genera Cyclostrongylus and Spirostrongylus (Strongyloidea: Chabertiidae: Cloacininae) with their wallaby hosts (Marsupialia: Macropodidae). <i>Molecular and Cellular Probes</i> , <b>2016</b> , 30, 93-9	3.3	4
425	Detection of cryptic species of Rugopharynx (Nematoda: Strongylida) from the stomachs of Australian macropodid marsupials. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2016</b> , 5, 124-33	2.6	12
424	Reconstruction of the insulin-like signalling pathway of Haemonchus contortus. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 64	4	11
423	Molecular characterization of the Haemonchus contortus phosphoinositide-dependent protein kinase-1 gene (Hc-pdk-1). <i>Parasites and Vectors</i> , <b>2016</b> , 9, 65	4	9
422	Pipeline for the identification and classification of ion channels in parasitic flatworms. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 155	4	3
421	Molecular analysis of Cryptosporidium from cattle from five states of Peninsular Malaysia. <i>Molecular and Cellular Probes</i> , <b>2016</b> , 30, 39-43	3.3	6
420	Practical and low cost whole-organism motility assay: A step-by-step protocol. <i>Molecular and Cellular Probes</i> , <b>2016</b> , 30, 13-7	3.3	23
419	Phylogenomic and biogeographic reconstruction of the Trichinella complex. <i>Nature Communications</i> , <b>2016</b> , 7, 10513	17.4	81
418	Making sense of genomes of parasitic worms: Tackling bioinformatic challenges. <i>Biotechnology Advances</i> , <b>2016</b> , 34, 663-686	17.8	27
417	Toxocara malaysiensis infection in domestic cats in Vietnam--An emerging zoonotic issue?. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 37, 94-8	4.5	15
416	The complement of family M1 aminopeptidases of Haemonchus contortus--Biotechnological implications. <i>Biotechnology Advances</i> , <b>2016</b> , 34, 65-76	17.8	6
415	Comparative Transcriptomic Exploration Reveals Unique Molecular Adaptations of Neuropathogenic Trichobilharzia to Invade and Parasitize Its Avian Definitive Host. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004406	4.8	16
414	Time-Course Study of the Transcriptome of Peripheral Blood Mononuclear Cells (PBMCs) from Sheep Infected with Fasciola hepatica. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159194	3.7	24
413	Harnessing the Toxocara Genome to Underpin Toxocariasis Research and New Interventions. <i>Advances in Parasitology</i> , <b>2016</b> , 91, 87-110	3.2	19
412	Mitochondrial Phylogenomics yields Strongly Supported Hypotheses for Ascaridomorph Nematodes. <i>Scientific Reports</i> , <b>2016</b> , 6, 39248	4.9	17
411	Dictyocaulus viviparus genome, variome and transcriptome elucidate lungworm biology and support future intervention. <i>Scientific Reports</i> , <b>2016</b> , 6, 20316	4.9	17

410	Analyses of Compact Trichinella Kinomes Reveal a MOS-Like Protein Kinase with a Unique N-Terminal Domain. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 2847-56	3.2	5
409	Population structure of Haemonchus contortus from seven geographical regions in China, determined on the basis of microsatellite markers. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 586	4	10
408	CAP protein superfamily members in Toxocara canis. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 360	4	5
407	Molecular characterization of Theileria orientalis from cattle in Ethiopia. <i>Ticks and Tick-borne Diseases</i> , <b>2016</b> , 7, 742-747	3.6	22
406	A blow to the fly - Lucilia cuprina draft genome and transcriptome to support advances in biology and biotechnology. <i>Biotechnology Advances</i> , <b>2016</b> , 34, 605-620	17.8	20
405	Anthelmintic activity of selected ethno-medicinal plant extracts on parasitic stages of Haemonchus contortus. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 187	4	28
404	Can New Digital Technologies Support Parasitology Teaching and Learning?. <i>Trends in Parasitology</i> , <b>2016</b> , 32, 522-530	6.4	14
403	First survey of parasitic helminths of goats along the Han River in Hubei Province, China. <i>Acta Parasitologica</i> , <b>2016</b> , 61, 602-6	1.7	7
402	Two benzimidazole resistance-associated SNPs in the isotype-1 $\beta$ tubulin gene predominate in Haemonchus contortus populations from eight regions in China. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2016</b> , 6, 199-206	4	21
401	Pharyngostromylus thylogale n. sp. (Nematoda: Strongylida) from the stomachs of macropodid marsupials defined by morphological and molecular criteria. <i>Systematic Parasitology</i> , <b>2016</b> , 93, 749-60	1	4
400	Synthesis, Characterization, and Biological Activity of Ferrocenyl Analogues of the Anthelmintic Drug Monepantel. <i>Organometallics</i> , <b>2016</b> , 35, 3369-3377	3.8	20
399	Screening of the Pathogen BoxQ identifies an approved pesticide with major anthelmintic activity against the barberQ pole worm. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2016</b> , 6, 329-334	4	48
398	Molecular characterization of species of Cloacina (Strongyloidea: Cloacininae) from the common wallaroo, Macropus robustus (Marsupialia: Macropodidae) in Australia. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 44, 245-253	4.5	3
397	Organometallic Derivatization of the Nematocidal Drug Monepantel Leads to Promising Antiparasitic Drug Candidates. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16602-16612	4.8	17
396	Selenophene and thiophene-core estrogen receptor ligands that inhibit motility and development of parasitic stages of Haemonchus contortus. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 346	4	7
395	Divergent Transcriptional Responses to Physiological and Xenobiotic Stress in Giardia duodenalis. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6034-45	5.9	13
394	Multiplex PCR for the detection and quantification of zoonotic taxa of Giardia, Cryptosporidium and Toxoplasma in wastewater and mussels. <i>Molecular and Cellular Probes</i> , <b>2015</b> , 29, 122-5	3.3	35
393	Genetic blueprint of the zoonotic pathogen Toxocara canis. <i>Nature Communications</i> , <b>2015</b> , 6, 6145	17.4	77

392	The barber@ pole worm CAP protein superfamily--A basis for fundamental discovery and biotechnology advances. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 1744-54	17.8	12
391	Cracking the nodule worm code advances knowledge of parasite biology and biotechnology to tackle major diseases of livestock. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 980-91	17.8	18
390	Molecular detection of Cyclospora in water, soil, vegetables and humans in southern Italy signals a need for improved monitoring by health authorities. <i>International Journal of Food Microbiology</i> , <b>2015</b> , 211, 95-100	5.8	29
389	Drug resistance in Giardia duodenalis. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 888-901	17.8	73
388	Low cost whole-organism screening of compounds for anthelmintic activity. <i>International Journal for Parasitology</i> , <b>2015</b> , 45, 333-43	4.3	81
387	A perspective on Cryptosporidium and Giardia, with an emphasis on bovines and recent epidemiological findings. <i>Advances in Parasitology</i> , <b>2015</b> , 88, 243-301	3.2	40
386	Use of multiplexed tandem PCR to estimate the prevalence and intensity of Theileria orientalis infections in cattle. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 32, 68-73	4.5	8
385	Transcriptional analysis identifies key genes involved in metabolism, fibrosis/tissue repair and the immune response against Fasciola hepatica in sheep liver. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 124	4	32
384	Mitochondrial genome of Hypoderma conoideum - comparison with selected trematodes. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 97	4	25
383	Comparison of the performance of three PCR assays for the detection and differentiation of Theileria orientalis genotypes. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 192	4	17
382	Prospects for Vector-Based Gene Silencing to Explore Immunobiological Features of Schistosoma mansoni. <i>Advances in Parasitology</i> , <b>2015</b> , 88, 85-122	3.2	7
381	Knocking down schistosomes - promise for lentiviral transduction in parasites. <i>Trends in Parasitology</i> , <b>2015</b> , 31, 324-32	6.4	16
380	Lucilia cuprina genome unlocks parasitic fly biology to underpin future interventions. <i>Nature Communications</i> , <b>2015</b> , 6, 7344	17.4	51
379	Genetic analysis of Giardia and Cryptosporidium from people in Northern Australia using PCR-based tools. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 36, 389-395	4.5	22
378	The phylogenetic relationships of endemic Australasian trichostrongylin families (Nematoda: Strongylida) parasitic in marsupials and monotremes. <i>Parasitology Research</i> , <b>2015</b> , 114, 3665-73	2.4	6
377	Probing of a human proteome microarray with a recombinant pathogen protein reveals a novel mechanism by which hookworms suppress B-cell receptor signaling. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 416-25	7	31
376	Semiquantitative multiplexed tandem PCR for detection and differentiation of four Theileria orientalis genotypes in cattle. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 79-87	9.7	24
375	Exploring molecular variation in Schistosoma japonicum in China. <i>Scientific Reports</i> , <b>2015</b> , 5, 17345	4.9	19

374	Defining the <i>Schistosoma haematobium</i> kinome enables the prediction of essential kinases as anti-schistosome drug targets. <i>Scientific Reports</i> , <b>2015</b> , 5, 17759	4.9	32
373	A practical Java tool for small-molecule compound appraisal. <i>Journal of Cheminformatics</i> , <b>2015</b> , 7, 28	8.6	7
372	Tick-borne diseases of bovines in Pakistan: major scope for future research and improved control. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 283	4	70
371	The <i>Haemonchus contortus</i> kinome—a resource for fundamental molecular investigations and drug discovery. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 623	4	12
370	Detection of <i>Cyclospora</i> in captive chimpanzees and macaques by a quantitative PCR-based mutation scanning approach. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 274	4	15
369	Time-Dependent Transcriptional Changes in Axenic <i>Giardia duodenalis</i> Trophozoites. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004261	4.8	12
368	Investigating the first outbreak of oriental theileriosis in cattle in South Australia using multiplexed tandem PCR (MT-PCR). <i>Ticks and Tick-borne Diseases</i> , <b>2015</b> , 6, 574-8	3.6	11
367	First human case of fatal <i>Halicephalobus gingivalis</i> meningoencephalitis in Australia. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 1768-74	9.7	13
366	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> , <b>2015</b> , 6, 123-8	3.6	9
365	New research tools for urogenital schistosomiasis. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 861-9	7	19
364	Mitochondrial Genome Analyses Suggest Multiple <i>Trichuris</i> Species in Humans, Baboons, and Pigs from Different Geographical Regions. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004059	4.8	31
363	Investigating the role of RIO protein kinases in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0117444	3.7	7
362	Sequencing and annotation of mitochondrial genomes from individual parasitic helminths. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1201, 51-63	1.4	5
361	A real-time PCR assay for the diagnosis of gastrointestinal nematode infections of small ruminants. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1247, 145-52	1.4	6
360	Impact of next-generation technologies on exploring socioeconomically important parasites and developing new interventions. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1247, 437-74	1.4	9
359	Flatworms have lost the right open reading frame kinase 3 gene during evolution. <i>Scientific Reports</i> , <b>2015</b> , 5, 9417	4.9	6
358	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , <b>2014</b> , 46, 261-269	36.3	139
357	Oriental theileriosis in dairy cows causes a significant milk production loss. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 73	4	49

356	Analysis of the transcriptome of adult <i>Dictyocaulus filaria</i> and comparison with <i>Dictyocaulus viviparus</i> , with a focus on molecules involved in host-parasite interactions. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 251-61	4.3	4
355	<i>Giardia</i> /giardiasis - a perspective on diagnostic and analytical tools. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 280-9	17.8	62
354	Probing the equatorial groove of the hookworm protein and vaccine candidate antigen, Na-ASP-2. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 50, 146-55	5.6	16
353	<i>Cryptosporidium parvum</i> genotype IIa and <i>Giardia duodenalis</i> assemblage A in <i>Mytilus galloprovincialis</i> on sale at local food markets. <i>International Journal of Food Microbiology</i> , <b>2014</b> , 171, 62-7	5.8	25
352	Mitochondrial genomes of <i>Anisakis simplex</i> and <i>Contraecaecum osculatum</i> (sensu stricto)--comparisons with selected nematodes. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 21, 452-62	4.5	20
351	Apoptosis in schistosomes: toward novel targets for the treatment of schistosomiasis. <i>Trends in Parasitology</i> , <b>2014</b> , 30, 75-84	6.4	23
350	Genetic variation within and among species of <i>Cloacina</i> (Strongyloidea: Cloacinine) from the swamp wallaby, <i>Wallabia bicolor</i> (Marsupialia: Macropodidae). <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 28, 261-9	4.5	8
349	President's message. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 847	4.3	
348	Diversity in parasitic helminths of Australasian marsupials and monotremes: a molecular perspective. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 859-64	4.3	12
347	Discovery of acrylonitrile-based small molecules active against <i>Haemonchus contortus</i> . <i>MedChemComm</i> , <b>2014</b> , 5, 159-164	5	11
346	Genome and transcriptome of the porcine whipworm <i>Trichuris suis</i> . <i>Nature Genetics</i> , <b>2014</b> , 46, 701-6	36.3	77
345	Proteomics elucidates key molecules involved in exsheathment in vitro in <i>Oesophagostomum dentatum</i> . <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 759-64	4.3	3
344	Mitochondrial genomes of <i>Trichinella</i> species and genotypes as a basis for diagnosis, and systematic and epidemiological explorations. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 1073-80	4.3	34
343	First insight into CD59-like molecules of adult <i>Fasciola hepatica</i> . <i>Experimental Parasitology</i> , <b>2014</b> , 144, 57-64	2.1	10
342	Genetic identification of an oxyurid from a captive, black-handed spider monkey--implications for treatment and control. <i>Parasitology Research</i> , <b>2014</b> , 113, 3445-8	2.4	3
341	Identification of G protein-coupled receptors in <i>Schistosoma haematobium</i> and <i>S. mansoni</i> by comparative genomics. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 242	4	25
340	Description of <i>Cloacina atthis</i> sp. nov. from the stomach of the euro ( <i>Macropus robustus</i> ) (Marsupialia: Macropodidae) from Western Australia based on morphological and molecular criteria. <i>Parasitology Research</i> , <b>2014</b> , 113, 3485-93	2.4	9
339	Characterisation of the mitochondrial genome of <i>Parafilaroides normani</i> (lungworm) of <i>Arctocephalus pusillus doriferus</i> (Australian fur seal). <i>Parasitology Research</i> , <b>2014</b> , 113, 3049-55	2.4	7

338	Complete mitochondrial genomes of the intermediate form of <i>Fasciola</i> and <i>Fasciola gigantica</i> , and their comparison with <i>F. hepatica</i> . <i>Parasites and Vectors</i> , <b>2014</b> , 7, 150	4	64
337	First molecular characterization of <i>Cryptosporidium</i> and <i>Giardia</i> from bovines ( <i>Bos taurus</i> and <i>Bubalus bubalis</i> ) in Sri Lanka: unexpected absence of <i>C. parvum</i> from pre-weaned calves. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 75	4	29
336	Foodborne anisakiasis and allergy. <i>Molecular and Cellular Probes</i> , <b>2014</b> , 28, 167-74	3.3	67
335	Hc-daf-2 encodes an insulin-like receptor kinase in the barber pole worm, <i>Haemonchus contortus</i> , and restores partial dauer regulation. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 485-96	4.3	22
334	Unexpected occurrence of <i>Haemonchus placei</i> in cattle in southern Western Australia. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 21, 252-8	4.5	9
333	Techniques for the diagnosis of <i>Fasciola</i> infections in animals: room for improvement. <i>Advances in Parasitology</i> , <b>2014</b> , 85, 65-107	3.2	25
332	<i>Cryptosporidium cuniculus</i> --new records in human and kangaroo in Australia. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 492	4	40
331	Exploring the role of two interacting phosphoinositide 3-kinases of <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , <b>2014</b> , 7, 498	4	12
330	Exploring features and function of <i>Ss-riok-3</i> , an enigmatic kinase gene from <i>Strongyloides stercoralis</i> . <i>Parasites and Vectors</i> , <b>2014</b> , 7, 561	4	5
329	Toward understanding the functional role of <i>Ss-RIOK-1</i> , a RIO protein kinase-encoding gene of <i>Strongyloides stercoralis</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3062	4.8	9
328	Characterization of the Ca <sup>2+</sup> -gated and voltage-dependent K <sup>+</sup> -channel Slo-1 of nematodes and its interaction with emodepside. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3401	4.8	31
327	Bioinformatic exploration of RIO protein kinases of parasitic and free-living nematodes. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 827-36	4.3	10
326	The <i>Opisthorchis viverrini</i> genome provides insights into life in the bile duct. <i>Nature Communications</i> , <b>2014</b> , 5, 4378	17.4	113
325	The Relevance of Structural Biology in Studying Molecules Involved in Parasite-Host Interactions: Potential for Designing New Interventions. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 1732	1.2	2
324	Omega-1 knockdown in <i>Schistosoma mansoni</i> eggs by lentivirus transduction reduces granuloma size in vivo. <i>Nature Communications</i> , <b>2014</b> , 5, 5375	17.4	52
323	First genetic analysis of <i>Cryptosporidium</i> from humans from Tasmania, and identification of a new genotype from a traveller to Bali. <i>Electrophoresis</i> , <b>2014</b> , 35, 2600-7	3.6	21
322	Crystal structure and immunological properties of the first annexin from <i>Schistosoma mansoni</i> : insights into the structural integrity of the schistosomal tegument. <i>FEBS Journal</i> , <b>2014</b> , 281, 1209-25	5.7	15
321	The mitochondrial genome of <i>Parascaris univalens</i> --implications for a "forgotten" parasite. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 428	4	23

320	Cryptosporidium: Current State of Genomics and Systems Biological Research <b>2014</b> , 327-344		1
319	Impact of gastrointestinal parasitic nematodes of sheep, and the role of advanced molecular tools for exploring epidemiology and drug resistance - an Australian perspective. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 153	4	164
318	Decoding the Ascaris suum Genome using Massively Parallel Sequencing and Advanced Bioinformatic Methods [Unprecedented Prospects for Fundamental and Applied Research <b>2013</b> , 287-314		
317	Description and genetic characterisation of Hysterothylacium (Nematoda: Raphidascarididae) larvae parasitic in Australian marine fishes. <i>Parasitology International</i> , <b>2013</b> , 62, 320-8	2.1	47
316	Molecular-based investigation of Cryptosporidium and Giardia from animals in water catchments in southeastern Australia. <i>Water Research</i> , <b>2013</b> , 47, 1726-40	12.5	56
315	Transcriptome analyses reveal protein and domain families that delineate stage-related development in the economically important parasitic nematodes, Ostertagia ostertagi and Cooperia oncophora. <i>BMC Genomics</i> , <b>2013</b> , 14, 118	4.5	20
314	Comparative evaluation of two DNA isolation techniques for PCR-based diagnosis of gastrointestinal nematode infections in sheep. <i>Molecular and Cellular Probes</i> , <b>2013</b> , 27, 153-7	3.3	13
313	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. <i>Electrophoresis</i> , <b>2013</b> , 34, 1852-62	3.6	2
312	Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 1109-19	17.8	22
311	Insights into the immuno-molecular biology of Angiostrongylus vasorum through transcriptomics--prospects for new interventions. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 1486-500	17.8	16
310	Getting to the guts of the matter: the status and potential of QmicsQesearch of parasitic protists of the human gastrointestinal system. <i>International Journal for Parasitology</i> , <b>2013</b> , 43, 971-82	4.3	8
309	The mitochondrial genome of Aelurostrongylus abstrusus-diagnostic, epidemiological and systematic implications. <i>Gene</i> , <b>2013</b> , 516, 294-300	3.8	13
308	The mitochondrial genome of Protostrongylus rufescens - implications for population and systematic studies. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 263	4	13
307	Genetic variability within and among Haemonchus contortus isolates from goats and sheep in China. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 279	4	29
306	First report of anthelmintic resistance in Haemonchus contortus in alpacas in Australia. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 243	4	28
305	Molecular characterization of anisakid nematode larvae from 13 species of fish from Western Australia. <i>International Journal of Food Microbiology</i> , <b>2013</b> , 161, 247-53	5.8	28
304	First molecular characterisation of Cryptosporidium and Giardia from Bubalus bubalis (water buffalo) in Victoria, Australia. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 20, 96-102	4.5	23
303	Epidemiological survey following oriental theileriosis outbreaks in Victoria, Australia, on selected cattle farms. <i>Veterinary Parasitology</i> , <b>2013</b> , 197, 509-21	2.8	45

302	Rapid, multiplex-tandem PCR assay for automated detection and differentiation of toxigenic cyanobacterial blooms. <i>Molecular and Cellular Probes</i> , <b>2013</b> , 27, 208-14	3.3	20
301	SchistoDB: an updated genome resource for the three key schistosomes of humans. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, D728-31	20.1	41
300	A perfect time to harness advanced molecular technologies to explore the fundamental biology of <i>Toxocara</i> species. <i>Veterinary Parasitology</i> , <b>2013</b> , 193, 353-64	2.8	36
299	An improved molecular diagnostic assay for canine and feline dermatophytosis. <i>Medical Mycology</i> , <b>2013</b> , 51, 136-43	3.9	27
298	Genetic characterization of selected parasites from people with histories of gastrointestinal disorders using a mutation scanning-coupled approach. <i>Electrophoresis</i> , <b>2013</b> , 34, 1720-8	3.6	41
297	Advances in the diagnosis of key gastrointestinal nematode infections of livestock, with an emphasis on small ruminants. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 1135-52	17.8	44
296	[[ <b>(16)</b> -Praziquantel]Cr(CO) <sub>3</sub> ] derivatives with remarkable in vitro anti-schistosomal activity. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2232-5	4.8	26
295	First molecular characterization of <i>Giardia duodenalis</i> from goats in Malaysia. <i>Molecular and Cellular Probes</i> , <b>2013</b> , 27, 28-31	3.3	24
294	Analyses of mitochondrial amino acid sequence datasets support the proposal that specimens of <i>Hypodontus macropi</i> from three species of macropodid hosts represent distinct species. <i>BMC Evolutionary Biology</i> , <b>2013</b> , 13, 259	3	15
293	Mitochondrial genome of the eyeworm, <i>Thelazia callipaeda</i> (Nematoda: Spirurida), as the first representative from the family Thelaziidae. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2029	4.8	20
292	Proteomic analysis of the excretory-secretory products from larval stages of <i>Ascaris suum</i> reveals high abundance of glycosyl hydrolases. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2467	4.8	46
291	The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , <b>2013</b> , 14, R89	18.3	166
290	A genome-wide analysis of annexins from parasitic organisms and their vectors. <i>Scientific Reports</i> , <b>2013</b> , 3, 2893	4.9	22
289	Next-generation molecular-diagnostic tools for gastrointestinal nematodes of livestock, with an emphasis on small ruminants: a turning point?. <i>Advances in Parasitology</i> , <b>2013</b> , 83, 267-333	3.2	32
288	Assessing calves as carriers of <i>Cryptosporidium</i> and <i>Giardia</i> with zoonotic potential on dairy and beef farms within a water catchment area by mutation scanning. <i>Electrophoresis</i> , <b>2013</b> , 34, 2259-67	3.6	18
287	Identification and genetic characterization of <i>Anisakis</i> larvae from marine fishes in the South China Sea using an electrophoretic-guided approach. <i>Electrophoresis</i> , <b>2013</b> , 34, 888-94	3.6	15
286	SOX9 duplication linked to intersex in deer. <i>PLoS ONE</i> , <b>2013</b> , 8, e73734	3.7	17
285	Proteomic analysis of <i>Oesophagostomum dentatum</i> (Nematoda) during larval transition, and the effects of hydrolase inhibitors on development. <i>PLoS ONE</i> , <b>2013</b> , 8, e63955	3.7	12

284	Mitochondrial and nuclear ribosomal DNA evidence supports the existence of a new <i>Trichuris</i> species in the endangered frantBisQeaf-monkey. <i>PLoS ONE</i> , <b>2013</b> , 8, e66249	3.7	32
283	Key strongylid nematodes of animals - Impact of next-generation transcriptomics on systems biology and biotechnology. <i>Biotechnology Advances</i> , <b>2012</b> , 30, 469-88	17.8	34
282	Hookworm SCP/TAPS protein structure--A key to understanding host-parasite interactions and developing new interventions. <i>Biotechnology Advances</i> , <b>2012</b> , 30, 652-7	17.8	28
281	Transcription profiles for two key gender-specific gene families in <i>Oesophagostomum dentatum</i> during development in vivo and in vitro. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 137-41	4.5	3
280	Use of a molecular approach for the definitive diagnosis of proliferative larval mesocestoidiasis in a cat. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 1377-80	4.5	14
279	Monoaminergic signaling as a target for anthelmintic drug discovery: receptor conservation among the free-living and parasitic nematodes. <i>Molecular and Biochemical Parasitology</i> , <b>2012</b> , 183, 1-7	1.9	12
278	Bioinformatics meets parasitology. <i>Parasite Immunology</i> , <b>2012</b> , 34, 265-75	2.2	18
277	Mutation scanning-based analysis of anisakid larvae from <i>Sillago flindersi</i> from Bass Strait, Australia. <i>Electrophoresis</i> , <b>2012</b> , 33, 499-505	3.6	15
276	Genetic characterisation and taxonomy of species of <i>Anisakis</i> (Nematoda:Anisakidae) parasitic in Australian marine mammals. <i>Invertebrate Systematics</i> , <b>2012</b> , 26, 204	1.2	29
275	A deep exploration of the transcriptome and "excretory/secretory" proteome of adult <i>Fascioloides magna</i> . <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1340-53	7.6	26
274	Genetic variation within the <i>Hypodontus macropi</i> (Nematoda: Strongyloidea) complex from macropodid marsupial hosts in Australia. <i>Electrophoresis</i> , <b>2012</b> , 33, 3544-54	3.6	17
273	Establishment of a robotic, high-throughput platform for the specific diagnosis of gastrointestinal nematode infections in sheep. <i>International Journal for Parasitology</i> , <b>2012</b> , 42, 1151-8	4.3	34
272	Molecular diagnosis of sparganosis associated with pneumothorax in a dog. <i>Molecular and Cellular Probes</i> , <b>2012</b> , 26, 60-2	3.3	7
271	SCP/TAPS proteins in helminths--where to from now?. <i>Molecular and Cellular Probes</i> , <b>2012</b> , 26, 54-9	3.3	28
270	Detection of diarrhoeal pathogens in human faeces using an automated, robotic platform. <i>Molecular and Cellular Probes</i> , <b>2012</b> , 26, 11-5	3.3	25
269	An assessment of genetic variability in the mitochondrial cytochrome c oxidase subunit 1 gene of <i>Cercopithifilaria</i> sp. (Spirurida, Onchocercidae) from dog and <i>Rhipicephalus sanguineus</i> populations. <i>Molecular and Cellular Probes</i> , <b>2012</b> , 26, 81-9	3.3	13
268	Molecular evidence for a cryptic species within the parasitic nematode <i>Macroponema comani</i> (Strongyloidea: Cloacininae). <i>Molecular and Cellular Probes</i> , <b>2012</b> , 26, 170-4	3.3	16
267	Assessment of the genetic relationship between <i>Dictyocaulus</i> species from <i>Bos taurus</i> and <i>Cervus elaphus</i> using complete mitochondrial genomic datasets. <i>Parasites and Vectors</i> , <b>2012</b> , 5, 241	4	29

266	Mitochondrial genome of <i>Angiostrongylus vasorum</i> : comparison with congeners and implications for studying the population genetics and epidemiology of this parasite. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 1884-91	4.5	31
265	Genetic characterisation of <i>Cryptosporidium</i> and <i>Giardia</i> from dairy calves: discovery of species/genotypes consistent with those found in humans. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 1984-93	4.5	43
264	Whole-genome sequence of <i>Schistosoma haematobium</i> . <i>Nature Genetics</i> , <b>2012</b> , 44, 221-5	36.3	325
263	TranSeqAnnotator: large-scale analysis of transcriptomic data. <i>BMC Bioinformatics</i> , <b>2012</b> , 13 Suppl 17, S24	3.6	4
262	An analysis of the transcriptome of <i>Teladorsagia circumcincta</i> : its biological and biotechnological implications. <i>BMC Genomics</i> , <b>2012</b> , 13 Suppl 7, S10	4.5	16
261	Ascaroside signaling is widely conserved among nematodes. <i>Current Biology</i> , <b>2012</b> , 22, 772-80	6.3	141
260	Mutation scanning-based analysis of <i>Theileria orientalis</i> populations in cattle following an outbreak. <i>Electrophoresis</i> , <b>2012</b> , 33, 2036-40	3.6	33
259	Clear genetic distinctiveness between human- and pig-derived <i>Trichuris</i> based on analyses of mitochondrial datasets. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1539	4.8	87
258	Molecular changes in <i>Opisthorchis viverrini</i> (Southeast Asian liver fluke) during the transition from the juvenile to the adult stage. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1916	4.8	18
257	SBAL: a practical tool to generate and edit structure-based amino acid sequence alignments. <i>Bioinformatics</i> , <b>2012</b> , 28, 1026-7	7.2	20
256	Larval anisakid nematodes in teleost fishes from Lizard Island, northern Great Barrier Reef, Australia. <i>Marine and Freshwater Research</i> , <b>2012</b> , 63, 1283	2.2	24
255	Insights into SCP/TAPS proteins of liver flukes based on large-scale bioinformatic analyses of sequence datasets. <i>PLoS ONE</i> , <b>2012</b> , 7, e31164	3.7	22
254	A molecular diagnostic tool to replace larval culture in conventional faecal egg count reduction testing in sheep. <i>PLoS ONE</i> , <b>2012</b> , 7, e37327	3.7	41
253	Heartworm genomics: unprecedented opportunities for fundamental molecular insights and new intervention strategies. <i>Topics in Companion Animal Medicine</i> , <b>2011</b> , 26, 193-9	1.1	3
252	A portrait of the transcriptome of the neglected trematode, <i>Fasciola gigantica</i> --biological and biotechnological implications. <i>PLoS Neglected Tropical Diseases</i> , <b>2011</b> , 5, e1004	4.8	70
251	RNA interference targeting cathepsin B of the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> . <i>Parasitology International</i> , <b>2011</b> , 60, 283-8	2.1	29
250	Phylogenetic relationships of species within the tribe Labiostrongylinea (Nematoda: Cloacinidae) from Australian marsupials based on ribosomal DNA spacer sequence data. <i>Parasitology International</i> , <b>2011</b> , 60, 381-7	2.1	14
249	Mutation scanning-coupled sequencing of nuclear ribosomal DNA spacers as a tool for the specific identification of different <i>Contracaecum</i> (Nematoda: Anisakidae) larval types. <i>Molecular and Cellular Probes</i> , <b>2011</b> , 25, 13-8	3.3	36

248	A first insight into the genotypes of <i>Echinococcus granulosus</i> from humans in Mongolia. <i>Molecular and Cellular Probes</i> , <b>2011</b> , 25, 49-54	3.3	44
247	Advances in the identification of <i>Malassezia</i> . <i>Molecular and Cellular Probes</i> , <b>2011</b> , 25, 1-7	3.3	36
246	The transcriptome of <i>Trichuris suis</i> --first molecular insights into a parasite with curative properties for key immune diseases of humans. <i>PLoS ONE</i> , <b>2011</b> , 6, e23590	3.7	40
245	Bovine theileriosis--an emerging problem in south-eastern Australia?. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 2095-7	4.5	44
244	Exploring the <i>Fasciola hepatica</i> tegument proteome. <i>International Journal for Parasitology</i> , <b>2011</b> , 41, 1347-59	4.3	82
243	Serine/threonine phosphatases in socioeconomically important parasitic nematodes--prospects as novel drug targets?. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 28-39	17.8	32
242	Deep insights into <i>Dictyocaulus viviparus</i> transcriptomes provides unique prospects for new drug targets and disease intervention. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 261-71	17.8	27
241	Atypical (RIO) protein kinases from <i>Haemonchus contortus</i> --promise as new targets for nematocidal drugs. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 338-50	17.8	25
240	<i>Ascaris suum</i> draft genome. <i>Nature</i> , <b>2011</b> , 479, 529-33	50.4	217
239	<i>Ancipirhynchus afossalis</i> n. g., n. sp. (Trypanorhyncha: Otopothriidae), from two species of sharks off Indonesian and Malaysian Borneo. <i>Systematic Parasitology</i> , <b>2011</b> , 80, 1-15	1	13
238	Occurrence and abundance of anisakid nematode larvae in five species of fish from southern Australian waters. <i>Parasitology Research</i> , <b>2011</b> , 108, 927-34	2.4	35
237	Another case of canine amoebic meningoencephalitis--the challenges of reaching a rapid diagnosis. <i>Parasitology Research</i> , <b>2011</b> , 108, 1069-73	2.4	17
236	Major prospects for exploring canine vector borne diseases and novel intervention methods using Qmic technologies. <i>Parasites and Vectors</i> , <b>2011</b> , 4, 53	4	2
235	Barcoding of <i>Giardia duodenalis</i> isolates and derived lines from an established cryobank by a mutation scanning-based approach. <i>Electrophoresis</i> , <b>2011</b> , 32, 2075-90	3.6	14
234	Infection with the carcinogenic human liver fluke, <i>Opisthorchis viverrini</i> . <i>Molecular BioSystems</i> , <b>2011</b> , 7, 1367-75		48
233	Soil-transmitted helminths of humans in Southeast Asia--towards integrated control. <i>Advances in Parasitology</i> , <b>2011</b> , 74, 231-65	3.2	44
232	Norcantharidin analogues with nematocidal activity in <i>Haemonchus contortus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 3277-81	2.9	34
231	Evaluation and application of a molecular method to assess the composition of strongylid nematode populations in sheep with naturally acquired infections. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 849-54	4.5	41

230	First genetic classification of <i>Cryptosporidium</i> and <i>Giardia</i> from HIV/AIDS patients in Malaysia. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 968-74	4.5	41
229	Cryptic parasite revealed improved prospects for treatment and control of human cryptosporidiosis through advanced technologies. <i>Advances in Parasitology</i> , <b>2011</b> , 77, 141-73	3.2	18
228	Vaccinomics for the major blood feeding helminths of humans. <i>OMICS A Journal of Integrative Biology</i> , <b>2011</b> , 15, 567-77	3.8	39
227	LIN-39 and the EGFR/RAS/MAPK pathway regulate <i>C. elegans</i> vulval morphogenesis via the VAB-23 zinc finger protein. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 4649-60	6.6	22
226	Cryptosporidiosis <b>2011</b> ,		3
225	A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, e171	20.1	60
224	Massively parallel sequencing and analysis of the <i>Necator americanus</i> transcriptome. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e684	4.8	66
223	Unlocking the transcriptomes of two carcinogenic parasites, <i>Clonorchis sinensis</i> and <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e719	4.8	122
222	The Rise and Fall of Human Oesophagostomiasis. <i>Advances in Parasitology</i> , <b>2010</b> , 71, 93-155	3.2	5
221	Cryptosporidiosis in Southeast Asia. <i>Advances in Parasitology</i> , <b>2010</b> , 1-31	3.2	13
220	Characterization of a <i>Caenorhabditis elegans</i> glc seven-like phosphatase ( <i>gsp</i> ) orthologue from <i>Haemonchus contortus</i> (Nematoda). <i>Molecular and Cellular Probes</i> , <b>2010</b> , 24, 178-89	3.3	8
219	A vacuolar-type proton (H <sup>+</sup> ) translocating ATPase alpha subunit encoded by the <i>Hc-vha-6</i> gene of <i>Haemonchus contortus</i> . <i>Molecular and Cellular Probes</i> , <b>2010</b> , 24, 196-203	3.3	3
218	A theoretical study to establish the relationship between the three-dimensional structure of triose-phosphate isomerase of <i>Giardia duodenalis</i> and point mutations in the respective gene. <i>Molecular and Cellular Probes</i> , <b>2010</b> , 24, 281-5	3.3	3
217	Genetic classification of <i>Echinococcus granulosus</i> cysts from humans, cattle and camels in Libya using mutation scanning-based analysis of mitochondrial loci. <i>Molecular and Cellular Probes</i> , <b>2010</b> , 24, 346-51	3.3	41
216	An integrated pipeline for next-generation sequencing and annotation of mitochondrial genomes. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 522-33	20.1	112
215	Resurrection and redescription of <i>Globocephaloides wallabiae</i> Johnston et Mawson, 1939 (Nematoda, Trichostrongyloidea) from macropodid marsupials in north-eastern Australia. <i>Acta Parasitologica</i> , <b>2010</b> , 55,	1.7	4
214	Drug target prediction and prioritization: using orthology to predict essentiality in parasite genomes. <i>BMC Genomics</i> , <b>2010</b> , 11, 222	4.5	62
213	Differences in transcription between free-living and CO <sub>2</sub> -activated third-stage larvae of <i>Haemonchus contortus</i> . <i>BMC Genomics</i> , <b>2010</b> , 11, 266	4.5	44

212	Genetic richness and diversity in <i>Cryptosporidium hominis</i> and <i>C. parvum</i> reveals major knowledge gaps and a need for the application of "next generation" technologies--research review. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 17-26	17.8	72
211	Elucidating ANTs in worms using genomic and bioinformatic tools--biotechnological prospects?. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 49-60	17.8	11
210	Toward next-generation sequencing of mitochondrial genomes--focus on parasitic worms of animals and biotechnological implications. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 151-9	17.8	49
209	Elucidating the transcriptome of <i>Fasciola hepatica</i> - a key to fundamental and biotechnological discoveries for a neglected parasite. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 222-31	17.8	102
208	Progress on the transcriptomics of carcinogenic liver flukes of humans--unique biological and biotechnological prospects. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 859-70	17.8	22
207	Structural and functional characterisation of the fork head transcription factor-encoding gene, <i>Hc-daf-16</i> , from the parasitic nematode <i>Haemonchus contortus</i> (Strongylida). <i>International Journal for Parasitology</i> , <b>2010</b> , 40, 405-15	4.3	45
206	Analysis of nucleotide variation within the triose-phosphate isomerase gene of <i>Giardia duodenalis</i> from sheep and its zoonotic implications. <i>Electrophoresis</i> , <b>2010</b> , 31, 287-98	3.6	35
205	Elucidating the identity of <i>Anisakis</i> larvae from a broad range of marine fishes from the Yellow Sea, China, using a combined electrophoretic-sequencing approach. <i>Electrophoresis</i> , <b>2010</b> , 31, 654-8	3.6	28
204	Highly sensitive non-isotopic restriction endonuclease fingerprinting of nucleotide variability in the <i>gp60</i> gene within <i>Cryptosporidium</i> species, genotypes and subgenotypes infective to humans, and its implications. <i>Electrophoresis</i> , <b>2010</b> , 31, 1637-47	3.6	16
203	Molecular detection of <i>Cryptosporidium cuniculus</i> in rabbits in Australia. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 1179-87	4.5	36
202	First transcriptomic analysis of the economically important parasitic nematode, <i>Trichostrongylus colubriformis</i> , using a next-generation sequencing approach. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 1199-207	4.5	50
201	Improved molecular diagnostic tools for human hookworms. <i>Expert Review of Molecular Diagnostics</i> , <b>2009</b> , 9, 17-21	3.8	16
200	Diagnostic and analytical mutation scanning of <i>Cryptosporidium</i> : utility and advantages. <i>Expert Review of Molecular Diagnostics</i> , <b>2009</b> , 9, 179-85	3.8	9
199	A polymerase chain reaction-coupled high-resolution melting curve analytical approach for the monitoring of monospecificity of avian <i>Eimeria</i> species. <i>Avian Pathology</i> , <b>2009</b> , 38, 13-9	2.4	13
198	Systematic analysis of insertions and deletions specific to nematode proteins and their proposed functional and evolutionary relevance. <i>BMC Evolutionary Biology</i> , <b>2009</b> , 9, 23	3	23
197	The mitochondrial genomes of <i>Ancylostoma caninum</i> and <i>Bunostomum phlebotomum</i> --two hookworms of animal health and zoonotic importance. <i>BMC Genomics</i> , <b>2009</b> , 10, 79	4.5	56
196	Improved insights into the transcriptomes of the human hookworm <i>Necator americanus</i> --fundamental and biotechnological implications. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 122-32	17.8	17
195	A portrait of the "SCP/TAPS" proteins of eukaryotes--developing a framework for fundamental research and biotechnological outcomes. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 376-88	17.8	126

194	Advanced in silico analysis of expressed sequence tag (EST) data for parasitic nematodes of major socio-economic importance--fundamental insights toward biotechnological outcomes. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 439-48	17.8	28
193	A combined microscopic-molecular method for the diagnosis of strongylid infections in sheep. <i>International Journal for Parasitology</i> , <b>2009</b> , 39, 1277-87	4.3	82
192	Genetic characterization of <i>Cryptosporidium parvum</i> from calves by mutation scanning and targeted sequencing--zoonotic implications. <i>Electrophoresis</i> , <b>2009</b> , 30, 2640-7	3.6	23
191	Genetic categorization of <i>Echinococcus granulosus</i> from humans and herbivorous hosts in Iran using an integrated mutation scanning-phylogenetic approach. <i>Electrophoresis</i> , <b>2009</b> , 30, 2648-55	3.6	60
190	Analysis of genetic variation in <i>Globocephaloides</i> populations from macropodid marsupials using a mutation scanning-based approach. <i>Electrophoresis</i> , <b>2009</b> , 30, 2758-64	3.6	8
189	Molecular characterization of selected dermatophytes and their identification by electrophoretic mutation scanning. <i>Electrophoresis</i> , <b>2009</b> , 30, 3555-64	3.6	21
188	Genetic divergence between island and continental populations of the parasitic nematode <i>Labiosimplex australis</i> in Australia. <i>Parasitology Research</i> , <b>2009</b> , 104, 229-36	2.4	12
187	Redescription and genetic characterization of selected <i>Contraecum</i> spp. (Nematoda: Anisakidae) from various hosts in Australia. <i>Parasitology Research</i> , <b>2009</b> , 104, 1507-25	2.4	48
186	Genetic and morphological evidences for the existence of sibling species within <i>Contraecum rudolphii</i> (Hartwich, 1964) (Nematoda: Anisakidae) in Australia. <i>Parasitology Research</i> , <b>2009</b> , 105, 529-38	2.4	52
185	Investigation of the regulation of transcriptional changes in <i>Ancylostoma caninum</i> larvae following serum activation, with a focus on the insulin-like signalling pathway. <i>Veterinary Parasitology</i> , <b>2009</b> , 159, 139-48	2.8	13
184	Mutation scanning-coupled tools for the analysis of genetic variation in <i>Taenia</i> and diagnosis - status and prospects. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 740-7	4.5	7
183	Strongyloid nematodes in the caeca of donkeys in Henan Province, China. <i>Acta Parasitologica</i> , <b>2009</b> , 54,	1.7	5
182	The conserved zinc finger protein VAB-23 is an essential regulator of epidermal morphogenesis in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , <b>2009</b> , 336, 84-93	3.1	4
181	Exploring transcriptional conservation between <i>Ancylostoma caninum</i> and <i>Haemonchus contortus</i> by oligonucleotide microarray and bioinformatic analyses. <i>Molecular and Cellular Probes</i> , <b>2009</b> , 23, 1-9	3.3	10
180	High resolution melting-curve (HRM) analysis for the diagnosis of cryptosporidiosis in humans. <i>Molecular and Cellular Probes</i> , <b>2009</b> , 23, 10-5	3.3	55
179	Bioinformatic analysis of abundant, gender-enriched transcripts of adult <i>Ascaris suum</i> (Nematoda) using a semi-automated workflow platform. <i>Molecular and Cellular Probes</i> , <b>2009</b> , 23, 205-17	3.3	16
178	Male-enriched transcription of genes encoding ASPs and Kunitz-type protease inhibitors in <i>Ancylostoma</i> species. <i>Molecular and Cellular Probes</i> , <b>2009</b> , 23, 298-303	3.3	9
177	Comparison of bronchoalveolar lavage fluid examination and other diagnostic techniques with the Baermann technique for detection of naturally occurring <i>Aelurostrongylus abstrusus</i> infection in cats. <i>Journal of the American Veterinary Medical Association</i> , <b>2009</b> , 235, 43-9	1	44

176	Genetic variation within species of the nematode genus <i>Cloacina</i> (Strongyloidea:Cloacininae) parasitic in the stomachs of rock wallabies, <i>Petrogale</i> spp. (Marsupialia:Macropodidae) in Queensland. <i>Australian Journal of Zoology</i> , <b>2009</b> , 57, 1	0.5	26
175	In silico analysis of expressed sequence tags from <i>Trichostrongylus vitrinus</i> (Nematoda): comparison of the automated ESTExplorer workflow platform with conventional database searches. <i>BMC Bioinformatics</i> , <b>2008</b> , 9 Suppl 1, S10	3.6	17
174	Using 454 technology for long-PCR based sequencing of the complete mitochondrial genome from single <i>Haemonchus contortus</i> (Nematoda). <i>BMC Genomics</i> , <b>2008</b> , 9, 11	4.5	74
173	DNA technological progress toward advanced diagnostic tools to support human hookworm control. <i>Biotechnology Advances</i> , <b>2008</b> , 26, 35-45	17.8	28
172	<i>Cryptosporidium</i> --biotechnological advances in the detection, diagnosis and analysis of genetic variation. <i>Biotechnology Advances</i> , <b>2008</b> , 26, 304-17	17.8	91
171	Toward practical, DNA-based diagnostic methods for parasitic nematodes of livestock--bionomic and biotechnological implications. <i>Biotechnology Advances</i> , <b>2008</b> , 26, 325-34	17.8	113
170	Gender-enriched transcripts in <i>Haemonchus contortus</i> --predicted functions and genetic interactions based on comparative analyses with <i>Caenorhabditis elegans</i> . <i>International Journal for Parasitology</i> , <b>2008</b> , 38, 65-83	4.3	36
169	Genomics of reproduction in nematodes: prospects for parasite intervention?. <i>Trends in Parasitology</i> , <b>2008</b> , 24, 89-95	6.4	15
168	Parasite transmission by insects: a female affair?. <i>Trends in Parasitology</i> , <b>2008</b> , 24, 116-20	6.4	6
167	Tv-RIO1 - an atypical protein kinase from the parasitic nematode <i>Trichostrongylus vitrinus</i> . <i>Parasites and Vectors</i> , <b>2008</b> , 1, 34	4	7
166	Extensive and complex sequence diversity in mitochondrial cytochrome c oxidase subunit 1 within <i>Necator americanus</i> from Colombia revealed by SSCP-coupled sequencing. <i>Molecular and Cellular Probes</i> , <b>2008</b> , 22, 234-7	3.3	7
165	Assessing the relationship between <i>Malassezia</i> and leishmaniasis in dogs with or without skin lesions. <i>Acta Tropica</i> , <b>2008</b> , 107, 25-9	3.2	10
164	Molecular and phylogenetic characterization of cytochromes c from <i>Haemonchus contortus</i> and <i>Trichostrongylus vitrinus</i> (Nematoda: Trichostrongylida). <i>Gene</i> , <b>2008</b> , 424, 121-9	3.8	8
163	Classification of <i>Cryptosporidium</i> species from patients with sporadic cryptosporidiosis by use of sequence-based multilocus analysis following mutation scanning. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 2252-62	9.7	60
162	Transcriptional changes in the hookworm, <i>Ancylostoma caninum</i> , during the transition from a free-living to a parasitic larva. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e130	4.8	66
161	Genomic-bioinformatic analysis of transcripts enriched in the third-stage larva of the parasitic nematode <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e246	4.8	26
160	<i>Contraecaecum pyripapillatum</i> n. sp. (Nematoda: Anisakidae) and a description of <i>C. multipapillatum</i> (von Drasche, 1882) from the Australian pelican, <i>Pelecanus conspicillatus</i> . <i>Parasitology Research</i> , <b>2008</b> , 103, 1031-9	2.4	38
159	Analysis of the genetic diversity within <i>Cryptosporidium hominis</i> and <i>Cryptosporidium parvum</i> from imported and autochthonous cases of human cryptosporidiosis by mutation scanning. <i>Electrophoresis</i> , <b>2008</b> , 29, 4119-29	3.6	29

158	Genetic characterization of three unique operational taxonomic units of <i>Eimeria</i> from chickens in Australia based on nuclear spacer ribosomal DNA. <i>Veterinary Parasitology</i> , <b>2008</b> , 152, 226-34	2.8	35
157	Genetic variants of <i>Malassezia pachydermatis</i> from canine skin: body distribution and phospholipase activity. <i>FEMS Yeast Research</i> , <b>2008</b> , 8, 451-9	3.1	36
156	The mitochondrial genome of <i>Toxocara canis</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e273	4.8	34
155	Needles in the EST haystack: large-scale identification and analysis of excretory-secretory (ES) proteins in parasitic nematodes using expressed sequence tags (ESTs). <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e301	4.8	40
154	Multilocus mutation scanning for the analysis of genetic variation within <i>Malassezia</i> (Basidiomycota: Malasseziales). <i>Electrophoresis</i> , <b>2007</b> , 28, 1176-80	3.6	11
153	Specific and genotypic identification of <i>Cryptosporidium</i> from a broad range of host species by nonisotopic SSCP analysis of nuclear ribosomal DNA. <i>Electrophoresis</i> , <b>2007</b> , 28, 2818-25	3.6	28
152	A practical and cost-effective mutation scanning-based approach for investigating genetic variation in <i>Cryptosporidium</i> . <i>Electrophoresis</i> , <b>2007</b> , 28, 3875-83	3.6	44
151	Long PCR amplification of the entire mitochondrial genome from individual helminths for direct sequencing. <i>Nature Protocols</i> , <b>2007</b> , 2, 2339-44	18.8	86
150	Gene discovery for the carcinogenic human liver fluke, <i>Opisthorchis viverrini</i> . <i>BMC Genomics</i> , <b>2007</b> , 8, 189	4.5	81
149	A transcriptomic analysis of the adult stage of the bovine lungworm, <i>Dictyocaulus viviparus</i> . <i>BMC Genomics</i> , <b>2007</b> , 8, 311	4.5	16
148	<i>Oesophagostomum dentatum</i> : potential as a model for genomic studies of strongylid nematodes, with biotechnological prospects. <i>Biotechnology Advances</i> , <b>2007</b> , 25, 281-93	17.8	18
147	<i>Trichostrongylus vitrinus</i> (Nematoda: Strongylida): molecular characterization and transcriptional analysis of <i>Tv-stp-1</i> , a serine/threonine phosphatase gene. <i>Experimental Parasitology</i> , <b>2007</b> , 117, 22-34	2.1	24
146	Multifocal <i>Balamuthia mandrillaris</i> infection in a dog in Australia. <i>Parasitology Research</i> , <b>2007</b> , 100, 423-6.4	6.4	31
145	Initial support for the hypothesis that PAR2 is involved in the immune response to <i>Nippostrongylus brasiliensis</i> in mice. <i>Parasitology Research</i> , <b>2007</b> , 101, 105-9	2.4	10
144	Investigating a persistent coccidiosis problem on a commercial broiler-breeder farm utilising PCR-coupled capillary electrophoresis. <i>Parasitology Research</i> , <b>2007</b> , 101, 583-9	2.4	39
143	ESTExplorer: an expressed sequence tag (EST) assembly and annotation platform. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, W143-7	20.1	56
142	Classification of <i>Mycoplasma synoviae</i> strains using single-strand conformation polymorphism and high-resolution melting-curve analysis of the <i>vlhA</i> gene single-copy region. <i>Microbiology (United Kingdom)</i> , <b>2007</b> , 153, 2679-2688	2.9	83
141	Genomic characterization of <i>Tv-ant-1</i> , a <i>Caenorhabditis elegans</i> tag-61 homologue from the parasitic nematode <i>Trichostrongylus vitrinus</i> . <i>Gene</i> , <b>2007</b> , 397, 12-25	3.8	8

140	PCR approach for the detection of <i>Trypanosoma brucei</i> and <i>T. equiperdum</i> and their differentiation from <i>T. evansi</i> based on maxicircle kinetoplast DNA. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 1-7	3.3	15
139	Nucleotide alterations in the D3 domain of the large subunit of ribosomal DNA among 21 species of equine strongyle. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 111-5	3.3	8
138	Molecular characterization of <i>Malassezia</i> isolates from dogs using three distinct genetic markers in nuclear DNA. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 229-38	3.3	29
137	The specific identification of anisakid larvae from fishes from the Yellow Sea, China, using mutation scanning-coupled sequence analysis of nuclear ribosomal DNA. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 386-90	3.3	47
136	The application of a polymerase chain reaction (PCR)-based capillary electrophoretic technique provides detailed insights into <i>Eimeria</i> populations in intensive poultry establishments. <i>Molecular and Cellular Probes</i> , <b>2007</b> , 21, 288-94	3.3	27
135	A hitchhiker's guide to expressed sequence tag (EST) analysis. <i>Briefings in Bioinformatics</i> , <b>2007</b> , 8, 6-21	13.4	200
134	<i>Haemonchus contortus</i> : prokaryotic expression and enzyme activity of recombinant HcSTK, a serine/threonine protein kinase. <i>Experimental Parasitology</i> , <b>2006</b> , 113, 207-14	2.1	3
133	Prospects for exploring molecular developmental processes in <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 859-68	4.3	65
132	Class II myosins in nematodes-- genetic relationships, fundamental and applied implications. <i>Biotechnology Advances</i> , <b>2006</b> , 24, 338-50	17.8	5
131	Biotechnological advances in the diagnosis of avian coccidiosis and the analysis of genetic variation in <i>Eimeria</i> . <i>Biotechnology Advances</i> , <b>2006</b> , 24, 590-603	17.8	71
130	Mitochondrial genomes of parasitic nematodes--progress and perspectives. <i>Trends in Parasitology</i> , <b>2006</b> , 22, 78-84	6.4	128
129	Differentiation of <i>Entamoeba histolytica</i> from <i>Entamoeba dispar</i> by PCR-coupled nonisotopic SSCP analysis. <i>Electrophoresis</i> , <b>2006</b> , 27, 4419-22	3.6	
128	Human thelaziosis--a neglected parasitic disease of the eye. <i>Journal of Parasitology</i> , <b>2006</b> , 92, 872-5	0.9	83
127	Characterisation of a DM domain-containing transcription factor from <i>Trichostrongylus vitrinus</i> (Nematoda: Strongylida). <i>Parasitology International</i> , <b>2006</b> , 55, 155-7	2.1	5
126	AFLP fingerprinting for the analysis of genetic diversity within <i>Necator americanus</i> . <i>Molecular and Cellular Probes</i> , <b>2006</b> , 20, 317-21	3.3	15
125	Insights into the epidemiology and genetic make-up of <i>Oesophagostomum bifurcum</i> from human and non-human primates using molecular tools. <i>Parasitology</i> , <b>2006</b> , 132, 453-60	2.7	46
124	Single-strand conformation polymorphism (SSCP) for the analysis of genetic variation. <i>Nature Protocols</i> , <b>2006</b> , 1, 3121-8	18.8	210
123	Molecular tools--advances, opportunities and prospects. <i>Veterinary Parasitology</i> , <b>2006</b> , 136, 69-89	2.8	177

122	The evolutionary origins of nematodes within the order Strongylida are related to predilection sites within hosts. <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 40, 118-28	4.1	86
121	Ubiquitin-conjugating enzyme genes in <i>Oesophagostomum dentatum</i> . <i>Parasitology Research</i> , <b>2006</b> , 99, 119-25	2.4	11
120	Isolation and characterization of class II myosin genes from <i>Haemonchus contortus</i> . <i>Parasitology Research</i> , <b>2006</b> , 99, 200-3	2.4	3
119	The occurrence of <i>Toxocara malaysiensis</i> in cats in China, confirmed by sequence-based analyses of ribosomal DNA. <i>Parasitology Research</i> , <b>2006</b> , 99, 554-7	2.4	48
118	Clonorchiasis: a key foodborne zoonosis in China. <i>Lancet Infectious Diseases</i> , <b>2005</b> , 5, 31-41	25.5	437
117	Analysis of genetic variability within <i>Thelazia callipaeda</i> (Nematoda: Thelazioidea) from Europe and Asia by sequencing and mutation scanning of the mitochondrial cytochrome c oxidase subunit 1 gene. <i>Molecular and Cellular Probes</i> , <b>2005</b> , 19, 306-13	3.3	83
116	Capillary electrophoretic analysis of fragment length polymorphism in ribosomal markers of <i>Cryptosporidium</i> from humans. <i>Molecular and Cellular Probes</i> , <b>2005</b> , 19, 394-9	3.3	21
115	Application of multiple DNA fingerprinting techniques to study the genetic relationships among three members of the subgenus <i>Trypanozoon</i> (Protozoa: Trypanosomatidae). <i>Molecular and Cellular Probes</i> , <b>2005</b> , 19, 400-7	3.3	16
114	Genetic analysis of <i>Trichinella</i> populations by GoldS single-strand conformation polymorphism analysis. <i>Veterinary Parasitology</i> , <b>2005</b> , 132, 23-6	2.8	11
113	Polymerase chain reaction-based differential diagnosis of <i>Ancylostoma duodenale</i> and <i>Necator americanus</i> infections in humans in northern Ghana. <i>Tropical Medicine and International Health</i> , <b>2005</b> , 10, 574-80	2.3	44
112	<i>Oesophagostomum bifurcum</i> in non-human primates is not a potential reservoir for human infection in Ghana. <i>Tropical Medicine and International Health</i> , <b>2005</b> , 10, 1315-20	2.3	19
111	Direct comparison of selected methods for genetic categorisation of <i>Cryptosporidium parvum</i> and <i>Cryptosporidium hominis</i> species. <i>International Journal for Parasitology</i> , <b>2005</b> , 35, 397-410	4.3	120
110	High-throughput capillary electrophoresis for the identification and differentiation of seven species of <i>Eimeria</i> from chickens. <i>Electrophoresis</i> , <b>2005</b> , 26, 3479-85	3.6	21
109	Mutation scanning-coupled analysis of haplotypic variability in mitochondrial DNA regions reveals low gene flow between human and porcine <i>Ascaris</i> in endemic regions of China. <i>Electrophoresis</i> , <b>2005</b> , 26, 4317-26	3.6	64
108	PCR-based identification and delineation of members within the <i>Pseudorhabdosynochus lantauensis</i> complex (Monogenea: Diplectanidae). <i>Parasitology Research</i> , <b>2005</b> , 98, 34-7	2.4	3
107	Genetic evidence for the existence of sibling species within <i>Contraecaecum rudolphii</i> (Hartwich, 1964) and the validity of <i>Contraecaecum septentrionale</i> (Kreis, 1955) (Nematoda: Anisakidae). <i>Parasitology Research</i> , <b>2005</b> , 96, 361-6	2.4	67
106	Molecular biology of reproduction and development in parasitic nematodes: progress and opportunities. <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 125-38	4.3	33
105	Profiling of gender-specific gene expression for <i>Trichostrongylus vitrinus</i> (Nematoda: Strongylida) by microarray analysis of expressed sequence tag libraries constructed by suppressive-subtractive hybridisation. <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 633-43	4.3	64

104	Nonisotopic single-strand conformation polymorphism analysis of sequence variability in ribosomal DNA expansion segments within the genus <i>Trichinella</i> (Nematoda: Adenophorea). <i>Electrophoresis</i> , <b>2004</b> , 25, 3357-64	3.6	25
103	The mitochondrial genomics of parasitic nematodes of socio-economic importance: recent progress, and implications for population genetics and systematics. <i>Advances in Parasitology</i> , <b>2004</b> , 56, 133-212	3.2	84
102	Genomic organization and expression analysis for <i>hcstk</i> , a serine/threonine protein kinase gene of <i>Haemonchus contortus</i> , and comparison with <i>Caenorhabditis elegans par-1</i> . <i>Gene</i> , <b>2004</b> , 343, 313-22	3.8	9
101	Advances in developing molecular-diagnostic tools for strongyloid nematodes of equids: fundamental and applied implications. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 3-16	3.3	26
100	Mutation scanning analysis of <i>Marteilia sydneyi</i> populations from different geographical locations in eastern Australia. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 133-8	3.3	9
99	Elucidating the ecology of bucephalid parasites using a mutation scanning approach. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 139-46	3.3	7
98	An electrophoretic tool for the genetic characterisation and delineation of lungworms. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 197-203	3.3	4
97	Specific identification of <i>Habronema microstoma</i> and <i>Habronema muscae</i> (Spirurida, Habronematidae) by PCR using markers in ribosomal DNA. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 215-218	3.3	28
96	An improved Gold SSCP method for the genotypic and subgenotypic characterization of <i>Cryptosporidium</i> . <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 329-32	3.3	22
95	GENETIC SUBSTRUCTURING WITHIN OESOPHAGOSTOMUM BIFURCUM (NEMATODA) FROM HUMAN AND NON-HUMAN PRIMATES FROM GHANA BASED ON RANDOM AMPLIFIED POLYMORPHIC DNA ANALYSIS. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2004</b> , 71, 227-233	3.2	32
94	Structure and organization of the mitochondrial genome of the canine heartworm, <i>Dirofilaria immitis</i> . <i>Parasitology</i> , <b>2003</b> , 127, 37-51	2.7	143
93	Genomics of reproduction in parasitic nematodes-fundamental and biotechnological implications. <i>Biotechnology Advances</i> , <b>2003</b> , 21, 103-8	17.8	6
92	Molecular characterisation of a male-specific serine/threonine phosphatase from <i>Oesophagostomum dentatum</i> (Nematoda: Strongylida), and functional analysis of homologues in <i>Caenorhabditis elegans</i> . <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 313-25	4.3	43
91	Comparative analysis of mitochondrial genome data for <i>Necator americanus</i> from two endemic regions reveals substantial genetic variation. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 955-63	4.3	46
90	The mitochondrial genome of <i>Strongyloides stercoralis</i> (Nematoda) - idiosyncratic gene order and evolutionary implications. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 1393-408	4.3	93
89	Molecular epidemiological investigation of <i>Ascaris</i> genotypes in China based on single-strand conformation polymorphism analysis of ribosomal DNA. <i>Electrophoresis</i> , <b>2003</b> , 24, 2308-15	3.6	46
88	First complete large subunit ribosomal RNA sequence and secondary structure for a parasitic nematode: phylogenetic and diagnostic implications. <i>Molecular and Cellular Probes</i> , <b>2003</b> , 17, 33-9	3.3	45
87	Survey of <i>Cryptosporidium parvum</i> genotypes in humans from the UK by mutation scanning analysis of a heat shock protein gene region. <i>Molecular and Cellular Probes</i> , <b>2003</b> , 17, 127-34	3.3	13

86	Electrophoretic analysis of genetic variability within <i>Cryptosporidium parvum</i> from imported and autochthonous cases of human cryptosporidiosis in the United Kingdom. <i>Applied and Environmental Microbiology</i> , <b>2003</b> , 69, 2719-30	4.8	38
85	Opportunities and Prospects for Investigating Developmentally Regulated and Sex-Specific Genes and Their Expression in Intestinal Nematodes of Humans <b>2002</b> , 235-268		4
84	The mitochondrial genomes of the human hookworms, <i>Ancylostoma duodenale</i> and <i>Necator americanus</i> (Nematoda: Secernentea). <i>International Journal for Parasitology</i> , <b>2002</b> , 32, 145-58	4.3	122
83	HcSTK, a <i>Caenorhabditis elegans</i> PAR-1 homologue from the parasitic nematode, <i>Haemonchus contortus</i> . <i>International Journal for Parasitology</i> , <b>2002</b> , 32, 749-58	4.3	35
82	Single-strand conformation polymorphism-based analysis of mitochondrial cytochrome c oxidase subunit 1 reveals significant substructuring in hookworm populations. <i>Electrophoresis</i> , <b>2002</b> , 23, 27-34	3.6	74
81	Mutation scanning analysis of mitochondrial cytochrome c oxidase subunit 1 reveals limited gene flow among bovine lungworm subpopulations in Sweden. <i>Electrophoresis</i> , <b>2002</b> , 23, 3357-63	3.6	30
80	Veterinary parasitology teaching in eastern Australia. <i>Veterinary Parasitology</i> , <b>2002</b> , 108, 295-307	2.8	2
79	Redescription of <i>Zoniolaimus mawsonae</i> Beveridge, 1983 (Nematoda: Strongyloidea) and the description of <i>Z. latebrosus</i> n. sp. from the red kangaroo <i>Macropus rufus</i> (Marsupialia: Macropodidae) based on morphological and molecular data. <i>Systematic Parasitology</i> , <b>2002</b> , 51, 135-47	1	20
78	The Value of Mutation Scanning Approaches for Detecting Genetic Variation [Implications for Studying Intestinal Nematodes of Humans <b>2002</b> , 219-233		9
77	Applications of single-strand conformation polymorphism (SSCP) to taxonomy, diagnosis, population genetics and molecular evolution of parasitic nematodes. <i>Veterinary Parasitology</i> , <b>2001</b> , 101, 201-13	2.8	35
76	Determining the prevalence of <i>Oesophagostomum bifurcum</i> and <i>Necator americanus</i> infections using specific PCR amplification of DNA from faecal samples. <i>Tropical Medicine and International Health</i> , <b>2001</b> , 6, 726-31	2.3	86
75	Evolutionary relationships of trichostrongyloid nematodes (Strongylida) inferred from ribosomal DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , <b>2001</b> , 19, 367-86	4.1	47
74	Mutation scanning for sequence variation in three mitochondrial DNA regions for members of the <i>Contraecum osculatum</i> (Nematoda: Ascaridoidea) complex. <i>Electrophoresis</i> , <b>2001</b> , 22, 1069-75	3.6	28
73	Mutation scanning analysis of sequence heterogeneity in the second internal transcribed spacer (rDNA) within some members of the <i>Hypodontus macropi</i> (Nematoda: Strongyloidea) complex. <i>Electrophoresis</i> , <b>2001</b> , 22, 1076-85	3.6	29
72	Genotyping <i>Cryptosporidium parvum</i> by single-strand conformation polymorphism analysis of ribosomal and heat shock gene regions. <i>Electrophoresis</i> , <b>2001</b> , 22, 433-7	3.6	35
71	Single-strand conformation polymorphism analysis of genetic variation in <i>Labiostongylus longispicularis</i> from kangaroos. <i>Electrophoresis</i> , <b>2001</b> , 22, 1925-9	3.6	15
70	Electrophoretic detection of population variation within <i>Contraecum ogmorhini</i> (Nematoda: Ascaridoidea: Anisakidae). <i>Electrophoresis</i> , <b>2001</b> , 22, 1930-4	3.6	33
69	Automated, fluorescence-based approach for the specific diagnosis of chicken coccidiosis. <i>Electrophoresis</i> , <b>2001</b> , 22, 3546-50	3.6	32

68	Molecular and phylogenetic characterisation of <i>Cryptosporidium</i> from birds. <i>International Journal for Parasitology</i> , <b>2001</b> , 31, 289-96	4.3	161
67	Bancroft–Mackerras oration. Molecular taxonomic, diagnostic and genetic studies of parasitic helminths. <i>International Journal for Parasitology</i> , <b>2001</b> , 31, 860-4	4.3	12
66	Molecular aspects of sexual development and reproduction in nematodes and schistosomes. <i>Advances in Parasitology</i> , <b>2001</b> , 50, 153-98	3.2	36
65	High-resolution electrophoretic procedures for the identification of five <i>Eimeria</i> species from chickens, and detection of population variation. <i>Electrophoresis</i> , <b>2000</b> , 21, 3558-63	3.6	28
64	Isolation and characterisation of sex-specific transcripts from <i>Oesophagostomum dentatum</i> by RNA arbitrarily-primed PCR. <i>Molecular and Biochemical Parasitology</i> , <b>2000</b> , 108, 217-24	1.9	33
63	ITS-1 ribosomal DNA sequence variants are maintained in different species and strains of <i>Echinococcus</i> . <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 157-69	4.3	50
62	Genomic and genetic research on bursate nematodes: significance, implications and prospects. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 509-34	4.3	101
61	Mitochondrial DNA polymorphism within and among species of <i>Capillaria sensu lato</i> from Australian marsupials and rodents. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 933-8	4.3	33
60	A molecular systematic framework for equine strongyles based on ribosomal DNA sequence data. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 95-103	4.3	37
59	PCR assay for the specific amplification of <i>Oesophagostomum bifurcum</i> DNA from human faeces. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 137-42	4.3	45
58	Assessing sequence variation in the internal transcribed spacers of ribosomal DNA within and among members of the <i>Contraecaecum osculatum</i> complex (Nematoda: Ascaridoidea: Anisakidae). <i>Parasitology Research</i> , <b>2000</b> , 86, 677-83	2.4	110
57	Relationships among some ascaridoid nematodes based on ribosomal DNA sequence data. <i>Parasitology Research</i> , <b>2000</b> , 86, 738-44	2.4	79
56	Screening for different genotypes of <i>Echinococcus granulosus</i> within China and Argentina by single-strand conformation polymorphism (SSCP) analysis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1999</b> , 93, 329-34	2	30
55	PCR-based technology in veterinary parasitology. <i>Veterinary Parasitology</i> , <b>1999</b> , 84, 229-58	2.8	85
54	Sequence differences in the internal transcribed spacers of DNA among four species of hookworm (Ancylostomatoidea: Ancylostoma). <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 1971-7	4.3	53
53	Intraspecific and interspecific variation in the second internal transcribed spacer (ITS-2) sequence for <i>Metastrongylus</i> (Nematoda: Metastrongyloidea) detected by high resolution PCR-RFLP. <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 1935-40	4.3	25
52	NADH dehydrogenase subunit 1 and cytochrome c oxidase subunit I sequences compared for members of the genus <i>Taenia</i> (Cestoda). <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 1965-70	4.3	105
51	Screening for nucleotide variations in ribosomal DNA arrays of <i>Oesophagostomum bifurcum</i> by polymerase chain reaction-coupled single-strand conformation polymorphism. <i>Electrophoresis</i> , <b>1999</b> , 20, 1486-91	3.6	25

50	Dideoxy fingerprinting of low-level nucleotide variation in mitochondrial DNA of the human blood fluke, <i>Schistosoma japonicum</i> . <i>Electrophoresis</i> , <b>1999</b> , 20, 2830-3	3.6	13
49	Genotyping <i>Taenia</i> tapeworms by single-strand conformation polymorphism of mitochondrial DNA. <i>Electrophoresis</i> , <b>1999</b> , 20, 2834-7	3.6	22
48	Molecular evidence for cryptic species within <i>Cylicostephanus minutus</i> (Nematoda: Strongylidae). <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 285-91	4.3	49
47	Characterisation of <i>Ascaris</i> from human and pig hosts by nuclear ribosomal DNA sequences. <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 469-78	4.3	119
46	Identification of <i>Nematodirus</i> species (Nematoda: Molineidae) from wild ruminants in Italy using ribosomal DNA markers. <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 1809-17	4.3	19
45	Secondary structure model for the ITS-2 precursor rRNA of strongyloid nematodes of equids: implications for phylogenetic inference. <i>International Journal for Parasitology</i> , <b>1999</b> , 29, 1949-64	4.3	29
44	A mutation scanning approach for the identification of hookworm species and analysis of population variation. <i>Molecular and Biochemical Parasitology</i> , <b>1998</b> , 92, 303-12	1.9	65
43	Detection of sequence variation in parasite ribosomal DNA by electrophoresis in agarose gels supplemented with a DNA-intercalating agent. <i>Electrophoresis</i> , <b>1998</b> , 19, 671-4	3.6	6
42	Single-strand conformation polymorphism (SSCP)-based mutation scanning approaches to fingerprint sequence variation in ribosomal DNA of ascaridoid nematodes. <i>Electrophoresis</i> , <b>1998</b> , 19, 1366-73	3.6	67
41	Analysis of sequence homogenisation in rDNA arrays of <i>Haemonchus contortus</i> by denaturing gradient gel electrophoresis. <i>Electrophoresis</i> , <b>1998</b> , 19, 2391-5	3.6	48
40	Differences in the 5.8S rDNA sequences among ascarid nematodes. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 617-22	4.3	29
39	What's in that band?. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 989-96	4.3	20
38	Display of sequence variation in PCR-amplified mitochondrial DNA regions of <i>Echinococcus</i> by single-strand conformation polymorphism. <i>Acta Tropica</i> , <b>1998</b> , 71, 107-15	3.2	28
37	Dideoxy fingerprinting: application to the genotyping of <i>Echinococcus</i> . <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 1775-9	4.3	25
36	Common secondary structures for the second internal transcribed spacer pre-rRNA of two subfamilies of trichostrongylid nematodes. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 1765-73	4.3	37
35	Distinguishing <i>Oesophagostomum dentatum</i> from <i>Oesophagostomum quadrispinulatum</i> developmental stages by a single-strand conformation polymorphism method. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 1903-9	4.3	17
34	Systematic relationships of some members of the genera <i>Oesophagostomum</i> and <i>Chabertia</i> (Nematoda: Chabertiidae) based on ribosomal DNA sequence data. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 1781-9	4.3	35
33	Characterisation of anisakid nematodes with zoonotic potential by nuclear ribosomal DNA sequences. <i>International Journal for Parasitology</i> , <b>1998</b> , 28, 1911-21	4.3	202

32	Identification of parasitic nematodes by PCR-SSCP of ITS-2 rDNA. <i>Molecular and Cellular Probes</i> , <b>1997</b> , 11, 201-9	3.3	52
31	PCR-based methods for identification of potentially zoonotic ascaridoid parasites of the dog, fox and cat. <i>Acta Tropica</i> , <b>1997</b> , 68, 191-200	3.2	131
30	The 5.8S rDNA sequences of 18 species of bursate nematodes (order Strongylida): comparison with rhabditid and tylenchid nematodes. <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 119-24	4.3	27
29	Evidence for hybridisation between <i>Paramacrostrongylus iugalis</i> and <i>P. typicus</i> (Nematoda:Strongyloidea) in grey kangaroos, <i>Macropus fuliginosus</i> and <i>M. giganteus</i> , in a zone of sympatry in eastern Australia. <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 475-82	4.3	19
28	Mutation scanning methods for the analysis of parasite genes. <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 1449-63	4.3	86
27	Phylogenetic relationships of Australian strongyloid nematodes inferred from ribosomal DNA sequence data. <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 1481-94	4.3	77
26	<i>Echinococcus granulosus</i> myophilin--relationship with protein homologues containing "calponin-motifs". <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 1561-7	4.3	15
25	Polymerase chain reaction-linked single-strand conformation polymorphism of ribosomal DNA to fingerprint parasites. <i>Electrophoresis</i> , <b>1997</b> , 18, 1564-6	3.6	15
24	The immunodiagnostic potential of <i>Echinococcus granulosus</i> adult-worm antigens in human cystic echinococcosis. <i>Parasitology Research</i> , <b>1997</b> , 83, 90-2	2.4	13
23	Genetic markers in ribosomal DNA for hookworm identification. <i>Acta Tropica</i> , <b>1996</b> , 62, 15-21	3.2	60
22	Fingerprinting sequence variation in ribosomal DNA of parasites by DGGE. <i>Molecular and Cellular Probes</i> , <b>1996</b> , 10, 99-105	3.3	50
21	Use of RAPD for the detection of genetic variation in the human blood fluke, <i>Schistosoma japonicum</i> , from mainland China. <i>Molecular and Cellular Probes</i> , <b>1996</b> , 10, 353-8	3.3	24
20	<i>Strongylus asini</i> (Nematoda, Strongyloidea): genetic relationships with other <i>Strongylus</i> species determined by ribosomal DNA. <i>International Journal for Parasitology</i> , <b>1996</b> , 26, 1407-11	4.3	39
19	The ITS-2 rDNA of <i>Teladorsagia circumcincta</i> , <i>T. trifurcata</i> and <i>T. davtiani</i> (Nematoda: Trichostrongylidae) indicates that these taxa are one species. <i>International Journal for Parasitology</i> , <b>1996</b> , 26, 1123-1126	4.3	88
18	Identification and characterization of myophilin, a muscle-specific antigen of <i>Echinococcus granulosus</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1995</b> , 70, 139-48	1.9	19
17	Characterisation of taeniid cestode species by PCR-RFLP of ITS2 ribosomal DNA. <i>Acta Tropica</i> , <b>1995</b> , 59, 31-40	3.2	97
16	Specific fingerprinting of nematodes by PCR with single primers to defined repetitive elements. <i>Acta Tropica</i> , <b>1995</b> , 60, 127-31	3.2	9
15	Differences in the second internal transcribed spacer (ribosomal DNA) between five species of <i>Trichostrongylus</i> (Nematoda: Trichostrongylidae). <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 75-80	4.3	148

14	Differences in a ribosomal DNA sequence of <i>Strongylus</i> species allows identification of single eggs. <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 359-65	4.3	114
13	Differentiation of <i>Haemonchus placei</i> from <i>H. contortus</i> (Nematoda: Trichostrongylidae) by the ribosomal DNA second internal transcribed spacer. <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 483-8	4.3	150
12	Differences in a ribosomal DNA sequence of morphologically indistinguishable species within the <i>Hypodontus macropi</i> complex (Nematoda: Strongyloidea). <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 647-51	4.3	264
11	The prevalence and epidemiology of gastrointestinal parasites of horses in Victoria, Australia. <i>International Journal for Parasitology</i> , <b>1995</b> , 25, 711-24	4.3	111
10	Species identification of trichostrongyle nematodes by PCR-linked RFLP. <i>International Journal for Parasitology</i> , <b>1994</b> , 24, 291-3	4.3	51
9	Chromatographic and antigenic properties of <i>Echinococcus granulosus</i> hydatid cyst-derived glycolipids. <i>Parasite Immunology</i> , <b>1993</b> , 15, 669-81	2.2	23
8	Rapid sequencing of rDNA from single worms and eggs of parasitic helminths. <i>Nucleic Acids Research</i> , <b>1993</b> , 21, 2525-6	20.1	337
7	Lack of intraspecific variation in the second internal transcribed spacer (ITS-2) of <i>Trichostrongylus colubriformis</i> ribosomal DNA. <i>International Journal for Parasitology</i> , <b>1993</b> , 23, 1069-71	4.3	52
6	Sexing single larval stages of <i>Schistosoma mansoni</i> by polymerase chain reaction. <i>Molecular and Biochemical Parasitology</i> , <b>1991</b> , 47, 255-8	1.9	36
5	Determination of the optimum cut-off value of a diagnostic test. <i>Preventive Veterinary Medicine</i> , <b>1990</b> , 10, 137-143	3.1	28
4	Identification of protein components of <i>Echinococcus granulosus</i> protoscolex antigens for specific serodiagnosis of <i>E. granulosus</i> infection in dogs. <i>Parasite Immunology</i> , <b>1989</b> , 11, 279-91	2.2	20
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