

Aaron R Jex

List of Publications by Year in Descending Order

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

156
papers

5,416
citations

41
h-index

66
g-index

165
ext. papers

6,191
ext. citations

7
avg, IF

5.48
L-index

#	Paper	IF	Citations
156	Long-read assembly and comparative evidence-based reanalysis of genome sequences reveals expanded transporter repertoire and duplication of entire chromosome ends including subtelomeric regions. <i>Genome Research</i> , 2021 ,	9.7	3
155	Direct Nanopore Sequencing of mRNA Reveals Landscape of Transcript Isoforms in Apicomplexan Parasites. <i>MSystems</i> , 2021 , 6,	7.6	8
154	TriTOX: A novel <i>Trichomonas vaginalis</i> assay platform for high-throughput screening of compound libraries. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021 , 15, 68-80	4	2
153	Field evaluation of the gut microbiome composition of pre-school and school-aged children in Tha Song Yang, Thailand, following oral MDA for STH infections. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009597	4.8	1
152	Eukaryote-conserved histone post-translational modification landscape in <i>Giardia duodenalis</i> revealed by mass spectrometry. <i>International Journal for Parasitology</i> , 2021 , 51, 225-239	4.3	3
151	Comparative genomics revealed adaptive admixture in in Africa. <i>Microbial Genomics</i> , 2021 , 7,	4.4	4
150	Effective low-cost preservation of human stools in field-based studies for helminth and microbiota analysis. <i>International Journal for Parasitology</i> , 2021 , 51, 741-748	4.3	2
149	In vitro selection of <i>Giardia duodenalis</i> for Albendazole resistance identifies a β -tubulin mutation at amino acid E198K. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021 , 16, 162-173	4	0
148	Multimodal regulation of encystation in <i>Giardia duodenalis</i> revealed by deep proteomics. <i>International Journal for Parasitology</i> , 2021 , 51, 809-824	4.3	2
147	Recent advances in functional research in <i>Giardia intestinalis</i> . <i>Advances in Parasitology</i> , 2020 , 107, 97-137	3.2	4
146	Zoonotic Ancylostomiasis: An Update of a Continually Neglected Zoonosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 64-68	3.2	14
145	Tunable Harmonic Flow Patterns in Microfluidic Systems through Simple Tube Oscillation. <i>Small</i> , 2020 , 16, e2003612	11	4
144	Eukaryote-Conserved Methylarginine Is Absent in Diplomonads and Functionally Compensated in <i>Giardia</i> . <i>Molecular Biology and Evolution</i> , 2020 , 37, 3525-3549	8.3	4
143	Development and validation of a multiplexed-tandem qPCR tool for diagnostics of human soil-transmitted helminth infections. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007363	4.8	15
142	Transcriptome and histone epigenome of <i>Plasmodium vivax</i> salivary-gland sporozoites point to tight regulatory control and mechanisms for liver-stage differentiation in relapsing malaria. <i>International Journal for Parasitology</i> , 2019 , 49, 501-513	4.3	23
141	Exploration of extracellular vesicles from provides evidence of parasite-host cross talk. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1578116	16.4	42
140	First report of anatoxin-a producing cyanobacteria in Australia illustrates need to regularly up-date monitoring strategies in a shifting global distribution. <i>Scientific Reports</i> , 2019 , 9, 10894	4.9	10

139	Asynchronous generation of oil droplets using a microfluidic flow focusing system. <i>Scientific Reports</i> , 2019 , 9, 10600	4.9	4
138	Self-sufficient, low-cost microfluidic pumps utilising reinforced balloons. <i>Lab on A Chip</i> , 2019 , 19, 2885-2896	2.6	22
137	Transcriptomic Resources for Parasitic Nematodes of Veterinary Importance. <i>Trends in Parasitology</i> , 2019 , 35, 72-84	6.4	15
136	Annotation of the Giardia proteome through structure-based homology and machine learning. <i>GigaScience</i> , 2019 , 8,	7.6	13
135	Differential protein expression and post-translational modifications in metronidazole-resistant Giardia duodenalis. <i>GigaScience</i> , 2018 , 7,	7.6	29
134	An improved method for PCR-based detection and routine monitoring of geosmin-producing cyanobacterial blooms. <i>Water Research</i> , 2018 , 136, 34-40	12.5	15
133	Extracellular vesicles from early stage Plasmodium falciparum-infected red blood cells contain PfEMP1 and induce transcriptional changes in human monocytes. <i>Cellular Microbiology</i> , 2018 , 20, e12822	3.9	28
132	Genome variation in nine co-occurring toxic Cylandrospermopsis raciborskii strains. <i>Harmful Algae</i> , 2018 , 73, 157-166	5.3	24
131	Recent advances in the genomic and molecular biology of Giardia. <i>Acta Tropica</i> , 2018 , 184, 67-72	3.2	11
130	Proteomic diversity in a prevalent human-infective Giardia duodenalis sub-species. <i>International Journal for Parasitology</i> , 2018 , 48, 817-823	4.3	9
129	Responses of the Differentiated Intestinal Epithelial Cell Line Caco-2 to Infection With the GS Isolate. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 244	5.9	24
128	A self-sufficient pressure pump using latex balloons for microfluidic applications. <i>Lab on A Chip</i> , 2018 , 18, 2730-2740	7.2	26
127	The small RNA complement of adult Schistosoma haematobium. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006535	4.8	10
126	New species of Cloacina von Linstow, 1898 (Nematoda: Strongyloidea) parasitic in the stomachs of wallaroos, Osphranter spp. (Marsupialia: Macropodidae) from northern Australia. <i>Systematic Parasitology</i> , 2018 , 95, 527-542	1	4
125	Transcriptomics Indicates Active and Passive Metronidazole Resistance Mechanisms in Three Seminal Lines. <i>Frontiers in Microbiology</i> , 2017 , 8, 398	5.7	26
124	Proteogenomic analysis of the total and surface-exposed proteomes of Plasmodium vivax salivary gland sporozoites. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005791	4.8	48
123	Is Cryptosporidium from the common wombat (Vombatus ursinus) a new species and distinct from Cryptosporidium ubiquitum?. <i>Infection, Genetics and Evolution</i> , 2016 , 44, 28-33	4.5	5
122	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> , 2016 , 9, 315	4	39

121	Phylogenomic and biogeographic reconstruction of the Trichinella complex. <i>Nature Communications</i> , 2016 , 7, 10513	17.4	81
120	Time-Course Study of the Transcriptome of Peripheral Blood Mononuclear Cells (PBMCs) from Sheep Infected with <i>Fasciola hepatica</i> . <i>PLoS ONE</i> , 2016 , 11, e0159194	3.7	24
119	Profiling circulating miRNAs in serum from pigs infected with the porcine whipworm, <i>Trichuris suis</i> . <i>Veterinary Parasitology</i> , 2016 , 223, 30-3	2.8	21
118	Divergent Transcriptional Responses to Physiological and Xenobiotic Stress in <i>Giardia duodenalis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6034-45	5.9	13
117	Genetic blueprint of the zoonotic pathogen <i>Toxocara canis</i> . <i>Nature Communications</i> , 2015 , 6, 6145	17.4	77
116	The barber's pole worm CAP protein superfamily--A basis for fundamental discovery and biotechnology advances. <i>Biotechnology Advances</i> , 2015 , 33, 1744-54	17.8	12
115	Drug resistance in <i>Giardia duodenalis</i> . <i>Biotechnology Advances</i> , 2015 , 33, 888-901	17.8	73
114	Low cost whole-organism screening of compounds for anthelmintic activity. <i>International Journal for Parasitology</i> , 2015 , 45, 333-43	4.3	81
113	A perspective on <i>Cryptosporidium</i> and <i>Giardia</i> , with an emphasis on bovines and recent epidemiological findings. <i>Advances in Parasitology</i> , 2015 , 88, 243-301	3.2	40
112	Use of multiplexed tandem PCR to estimate the prevalence and intensity of <i>Theileria orientalis</i> infections in cattle. <i>Infection, Genetics and Evolution</i> , 2015 , 32, 68-73	4.5	8
111	Transcriptional analysis identifies key genes involved in metabolism, fibrosis/tissue repair and the immune response against <i>Fasciola hepatica</i> in sheep liver. <i>Parasites and Vectors</i> , 2015 , 8, 124	4	32
110	<i>Lucilia cuprina</i> genome unlocks parasitic fly biology to underpin future interventions. <i>Nature Communications</i> , 2015 , 6, 7344	17.4	51
109	Genetic analysis of <i>Giardia</i> and <i>Cryptosporidium</i> from people in Northern Australia using PCR-based tools. <i>Infection, Genetics and Evolution</i> , 2015 , 36, 389-395	4.5	22
108	Exploring molecular variation in <i>Schistosoma japonicum</i> in China. <i>Scientific Reports</i> , 2015 , 5, 17345	4.9	19
107	Defining the <i>Schistosoma haematobium</i> kinome enables the prediction of essential kinases as anti-schistosome drug targets. <i>Scientific Reports</i> , 2015 , 5, 17759	4.9	32
106	Time-Dependent Transcriptional Changes in Axenic <i>Giardia duodenalis</i> Trophozoites. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004261	4.8	12
105	Sequencing and annotation of mitochondrial genomes from individual parasitic helminths. <i>Methods in Molecular Biology</i> , 2015 , 1201, 51-63	1.4	5
104	A real-time PCR assay for the diagnosis of gastrointestinal nematode infections of small ruminants. <i>Methods in Molecular Biology</i> , 2015 , 1247, 145-52	1.4	6

103	Flatworms have lost the right open reading frame kinase 3 gene during evolution. <i>Scientific Reports</i> , 2015 , 5, 9417	4.9	6
102	Comparative genomics of <i>Cylindrospermopsis raciborskii</i> strains with differential toxicities. <i>BMC Genomics</i> , 2014 , 15, 83	4.5	56
101	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> , 2014 , 44, 251-61	4.3	4
100	<i>Giardia/giardiasis</i> - a perspective on diagnostic and analytical tools. <i>Biotechnology Advances</i> , 2014 , 32, 280-9	17.8	62
99	Mitochondrial genomes of <i>Anisakis simplex</i> and <i>Contraecaecum osculatum</i> (sensu stricto)--comparisons with selected nematodes. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 452-62	4.5	20
98	Genome and transcriptome of the porcine whipworm <i>Trichuris suis</i> . <i>Nature Genetics</i> , 2014 , 46, 701-6	36.3	77
97	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> , 2014 , 44, 1073-80	4.3	34
96	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> , 2014 , 7, 75	4	29
95	Techniques for the diagnosis of <i>Fasciola</i> infections in animals: room for improvement. <i>Advances in Parasitology</i> , 2014 , 85, 65-107	3.2	25
94	Characterization of the Ca ²⁺ -gated and voltage-dependent K ⁺ -channel Slo-1 of nematodes and its interaction with emodepside. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3401	4.8	31
93	Bioinformatic exploration of RIO protein kinases of parasitic and free-living nematodes. <i>International Journal for Parasitology</i> , 2014 , 44, 827-36	4.3	10
92	The <i>Opisthorchis viverrini</i> genome provides insights into life in the bile duct. <i>Nature Communications</i> , 2014 , 5, 4378	17.4	113
91	Recent advances in candidate-gene and whole-genome approaches to the discovery of anthelmintic resistance markers and the description of drug/receptor interactions. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 164-84	4	125
90	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> , 2014 , 35, 2600-7	3.6	21
89	The mitochondrial genome of <i>Parascaris univalens</i> --implications for a "forgotten" parasite. <i>Parasites and Vectors</i> , 2014 , 7, 428	4	23
88	<i>Cryptosporidium</i> : Current State of Genomics and Systems Biological Research 2014 , 327-344		1
87	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> , 2013 , 6, 153	4	164
86	Decoding the <i>Ascaris suum</i> Genome using Massively Parallel Sequencing and Advanced Bioinformatic Methods --Unprecedented Prospects for Fundamental and Applied Research 2013 , 287-314		

85	Molecular-based investigation of <i>Cryptosporidium</i> and <i>Giardia</i> from animals in water catchments in southeastern Australia. <i>Water Research</i> , 2013 , 47, 1726-40	12.5	56
84	Comparative evaluation of two DNA isolation techniques for PCR-based diagnosis of gastrointestinal nematode infections in sheep. <i>Molecular and Cellular Probes</i> , 2013 , 27, 153-7	3.3	13
83	Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. <i>Biotechnology Advances</i> , 2013 , 31, 1109-19	17.8	22
82	Insights into the immuno-molecular biology of <i>Angiostrongylus vasorum</i> through transcriptomics--prospects for new interventions. <i>Biotechnology Advances</i> , 2013 , 31, 1486-500	17.8	16
81	Getting to the guts of the matter: the status and potential ofomicsResearch of parasitic protists of the human gastrointestinal system. <i>International Journal for Parasitology</i> , 2013 , 43, 971-82	4.3	8
80	The mitochondrial genome of <i>Aelurostrongylus abstrusus</i> -diagnostic, epidemiological and systematic implications. <i>Gene</i> , 2013 , 516, 294-300	3.8	13
79	The mitochondrial genome of <i>Protostrongylus rufescens</i> - implications for population and systematic studies. <i>Parasites and Vectors</i> , 2013 , 6, 263	4	13
78	First molecular characterisation of <i>Cryptosporidium</i> and <i>Giardia</i> from <i>Bubalus bubalis</i> (water buffalo) in Victoria, Australia. <i>Infection, Genetics and Evolution</i> , 2013 , 20, 96-102	4.5	23
77	Rapid, multiplex-tandem PCR assay for automated detection and differentiation of toxigenic cyanobacterial blooms. <i>Molecular and Cellular Probes</i> , 2013 , 27, 208-14	3.3	20
76	Genetic characterization of selected parasites from people with histories of gastrointestinal disorders using a mutation scanning-coupled approach. <i>Electrophoresis</i> , 2013 , 34, 1720-8	3.6	41
75	Advances in the diagnosis of key gastrointestinal nematode infections of livestock, with an emphasis on small ruminants. <i>Biotechnology Advances</i> , 2013 , 31, 1135-52	17.8	44
74	First molecular characterization of <i>Giardia duodenalis</i> from goats in Malaysia. <i>Molecular and Cellular Probes</i> , 2013 , 27, 28-31	3.3	24
73	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> , 2013 , 13, 259	3	15
72	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> , 2013 , 7, e2467	4.8	46
71	The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , 2013 , 14, R89	18.3	166
70	Next-generation molecular-diagnostic tools for gastrointestinal nematodes of livestock, with an emphasis on small ruminants: a turning point?. <i>Advances in Parasitology</i> , 2013 , 83, 267-333	3.2	32
69	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> , 2013 , 34, 2259-67	3.6	18
68	Monoaminergic signaling as a target for anthelmintic drug discovery: receptor conservation among the free-living and parasitic nematodes. <i>Molecular and Biochemical Parasitology</i> , 2012 , 183, 1-7	1.9	12

67	Mutation scanning-based analysis of anisakid larvae from <i>Sillago flindersi</i> from Bass Strait, Australia. <i>Electrophoresis</i> , 2012 , 33, 499-505	3.6	15
66	Genetic variation within the <i>Hypodontus macropi</i> (Nematoda: Strongyloidea) complex from macropodid marsupial hosts in Australia. <i>Electrophoresis</i> , 2012 , 33, 3544-54	3.6	17
65	Establishment of a robotic, high-throughput platform for the specific diagnosis of gastrointestinal nematode infections in sheep. <i>International Journal for Parasitology</i> , 2012 , 42, 1151-8	4.3	34
64	Detection of diarrhoeal pathogens in human faeces using an automated, robotic platform. <i>Molecular and Cellular Probes</i> , 2012 , 26, 11-5	3.3	25
63	Molecular evidence for a cryptic species within the parasitic nematode <i>Macroponema comani</i> (Strongyloidea: Cloacininae). <i>Molecular and Cellular Probes</i> , 2012 , 26, 170-4	3.3	16
62	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> , 2012 , 5, 241	4	29
61	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> , 2012 , 12, 1884-91	4.5	31
60	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> , 2012 , 12, 1984-93	4.5	43
59	Whole-genome sequence of <i>Schistosoma haematobium</i> . <i>Nature Genetics</i> , 2012 , 44, 221-5	36.3	325
58	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> , 2012 , 6, e1916	4.8	18
57	A molecular diagnostic tool to replace larval culture in conventional faecal egg count reduction testing in sheep. <i>PLoS ONE</i> , 2012 , 7, e37327	3.7	41
56	A portrait of the transcriptome of the neglected trematode, <i>Fasciola gigantica</i> --biological and biotechnological implications. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1004	4.8	70
55	A first insight into the genotypes of <i>Echinococcus granulosus</i> from humans in Mongolia. <i>Molecular and Cellular Probes</i> , 2011 , 25, 49-54	3.3	44
54	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> , 2011 , 6, e23590	3.7	40
53	Deep insights into <i>Dictyocaulus viviparus</i> transcriptomes provides unique prospects for new drug targets and disease intervention. <i>Biotechnology Advances</i> , 2011 , 29, 261-71	17.8	27
52	<i>Ascaris suum</i> draft genome. <i>Nature</i> , 2011 , 479, 529-33	50.4	217
51	Barcoding of <i>Giardia duodenalis</i> isolates and derived lines from an established cryobank by a mutation scanning-based approach. <i>Electrophoresis</i> , 2011 , 32, 2075-90	3.6	14
50	Soil-transmitted helminths of humans in Southeast Asia--towards integrated control. <i>Advances in Parasitology</i> , 2011 , 74, 231-65	3.2	44

49	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> , 2011 , 11, 849-54	4.5	41
48	First genetic classification of <i>Cryptosporidium</i> and <i>Giardia</i> from HIV/AIDS patients in Malaysia. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 968-74	4.5	41
47	Cryptic parasite revealed improved prospects for treatment and control of human cryptosporidiosis through advanced technologies. <i>Advances in Parasitology</i> , 2011 , 77, 141-73	3.2	18
46	Cryptosporidiosis 2011 ,		3
45	A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. <i>Nucleic Acids Research</i> , 2010 , 38, e171	20.1	60
44	Massively parallel sequencing and analysis of the <i>Necator americanus</i> transcriptome. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e684	4.8	66
43	Unlocking the transcriptomes of two carcinogenic parasites, <i>Clonorchis sinensis</i> and <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e719	4.8	122
42	Cryptosporidiosis in Southeast Asia. <i>Advances in Parasitology</i> , 2010 , 1-31	3.2	13
41	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> , 2010 , 24, 281-5	3.3	3
40	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> , 2010 , 24, 346-51	3.3	41
39	An integrated pipeline for next-generation sequencing and annotation of mitochondrial genomes. <i>Nucleic Acids Research</i> , 2010 , 38, 522-33	20.1	112
38	Differences in transcription between free-living and CO ₂ -activated third-stage larvae of <i>Haemonchus contortus</i> . <i>BMC Genomics</i> , 2010 , 11, 266	4.5	44
37	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> , 2010 , 28, 17-26	17.8	72
36	Toward next-generation sequencing of mitochondrial genomes--focus on parasitic worms of animals and biotechnological implications. <i>Biotechnology Advances</i> , 2010 , 28, 151-9	17.8	49
35	Elucidating the transcriptome of <i>Fasciola hepatica</i> - a key to fundamental and biotechnological discoveries for a neglected parasite. <i>Biotechnology Advances</i> , 2010 , 28, 222-31	17.8	102
34	Progress on the transcriptomics of carcinogenic liver flukes of humans--unique biological and biotechnological prospects. <i>Biotechnology Advances</i> , 2010 , 28, 859-70	17.8	22
33	Analysis of nucleotide variation within the triose-phosphate isomerase gene of <i>Giardia duodenalis</i> from sheep and its zoonotic implications. <i>Electrophoresis</i> , 2010 , 31, 287-98	3.6	35
32	Highly sensitive non-isotopic restriction endonuclease fingerprinting of nucleotide variability in the gp60 gene within <i>Cryptosporidium</i> species, genotypes and subgenotypes infective to humans, and its implications. <i>Electrophoresis</i> , 2010 , 31, 1637-47	3.6	16

31	Molecular detection of <i>Cryptosporidium cuniculus</i> in rabbits in Australia. <i>Infection, Genetics and Evolution</i> , 2010 , 10, 1179-87	4.5	36
30	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> , 2010 , 10, 1199-207	4.5	50
29	Diagnostic and analytical mutation scanning of <i>Cryptosporidium</i> : utility and advantages. <i>Expert Review of Molecular Diagnostics</i> , 2009 , 9, 179-85	3.8	9
28	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> , 2009 , 10, 79	4.5	56
27	Genetic characterization of <i>Cryptosporidium parvum</i> from calves by mutation scanning and targeted sequencing--zoonotic implications. <i>Electrophoresis</i> , 2009 , 30, 2640-7	3.6	23
26	Genetic categorization of <i>Echinococcus granulosus</i> from humans and herbivorous hosts in Iran using an integrated mutation scanning-phylogenetic approach. <i>Electrophoresis</i> , 2009 , 30, 2648-55	3.6	60
25	Analysis of genetic variation in <i>Globocephaloides</i> populations from macropodid marsupials using a mutation scanning-based approach. <i>Electrophoresis</i> , 2009 , 30, 2758-64	3.6	8
24	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> , 2009 , 9, 740-7	4.5	7
23	High resolution melting-curve (HRM) analysis for the diagnosis of cryptosporidiosis in humans. <i>Molecular and Cellular Probes</i> , 2009 , 23, 10-5	3.3	55
22	Using 454 technology for long-PCR based sequencing of the complete mitochondrial genome from single <i>Haemonchus contortus</i> (Nematoda). <i>BMC Genomics</i> , 2008 , 9, 11	4.5	74
21	<i>Cryptosporidium</i> --biotechnological advances in the detection, diagnosis and analysis of genetic variation. <i>Biotechnology Advances</i> , 2008 , 26, 304-17	17.8	91
20	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> , 2008 , 46, 2252-62	9.7	60
19	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> , 2008 , 29, 4119-29	3.6	29
18	The mitochondrial genome of <i>Toxocara canis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e273	4.8	34
17	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> , 2007 , 28, 2818-25	3.6	28
16	A practical and cost-effective mutation scanning-based approach for investigating genetic variation in <i>Cryptosporidium</i> . <i>Electrophoresis</i> , 2007 , 28, 3875-83	3.6	44
15	Long PCR amplification of the entire mitochondrial genome from individual helminths for direct sequencing. <i>Nature Protocols</i> , 2007 , 2, 2339-44	18.8	86
14	New Thelastomatoidea (Nematoda: Oxyurida) from Australian burrowing cockroaches (Blaberidae: Geoscapheinae, Panesthiinae). <i>Nematology</i> , 2006 , 8, 443-454	0.9	4

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12	The importance of host ecology in thelastomatoid (Nematoda: Oxyurida) host specificity. <i>Parasitology International</i> , 2006 , 55, 169-74	2.1	10
11	Single-strand conformation polymorphism (SSCP) for the analysis of genetic variation. <i>Nature Protocols</i> , 2006 , 1, 3121-8	18.8	210
10	The Thelastomatoidea (Nematoda: Oxyurida) of two sympatric Panesthiinae (Insecta: Blattodea) from southeastern Queensland, Australia: taxonomy, species richness and host specificity. <i>Nematology</i> , 2005 , 7, 543-575	0.9	21
9	<i>Aoruroides queenslandensis</i> n. sp. (Oxyurida: Thelastomatoidea), a new nematode from Australian Panesthiinae (Blattodea: Blaberidae). <i>Systematic Parasitology</i> , 2004 , 59, 65-9	1	5
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