David Rollinson

List of Publications by Year
in descending order

59 papers	3,595 citations	136950 32 h-index	144013 57 g-index
61 all docs	61 docs citations	61 times ranked	3026 citing authors

#	Article	IF	Citations
1	Genome-wide insights into adaptive hybridisation across the Schistosoma haematobium group in West and Central Africa. PLoS Neglected Tropical Diseases, 2022, 16, e0010088.	3.0	5
2	Genomic analysis of a parasite invasion: Colonization of the Americas by the blood fluke Schistosoma mansoni. Molecular Ecology, 2022, 31, 2242-2263.	3.9	11
3	Nuclear genome of Bulinus truncatus, an intermediate host of the carcinogenic human blood fluke Schistosoma haematobium. Nature Communications, 2022, 13, 977.	12.8	14
4	Chromosome-level genome of Schistosoma haematobium underpins genome-wide explorations of molecular variation. PLoS Pathogens, 2022, 18, e1010288.	4.7	13
5	Transmission and diversity of Schistosoma haematobium and S. bovis and their freshwater intermediate snail hosts Bulinus globosus and B. nasutus in the Zanzibar Archipelago, United Republic of Tanzania. PLoS Neglected Tropical Diseases, 2022, 16, e0010585.	3.0	8
6	Bulinus truncatus transcriptome â€“ a resource to enable molecular studies of snail and schistosome biology. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100015.	1.9	5
7	Nanopore Sequencing Resolves Elusive Long Tandem-Repeat Regions in Mitochondrial Genomes. International Journal of Molecular Sciences, 2021, 22, 1811.	4.1	18
8	Diverging patterns of introgression from Schistosoma bovis across S. haematobium African lineages. PLoS Pathogens, 2021, 17, e1009313.	4.7	25
9	Impact of seven years of mass drug administration and recrudescence of Schistosoma haematobium infections after one year of treatment gap in Zanzibar: Repeated cross-sectional studies. PLoS Neglected Tropical Diseases, 2021, 15, e0009127.	3.0	17
10	Endemicity of Paragonimus and paragonimiasis in Sub-Saharan Africa: A systematic review and mapping reveals stability of transmission in endemic foci for a multi-host parasite system. PLoS Neglected Tropical Diseases, 2021, 15, e0009120.	3.0	11
11	A systematic literature review of schistosomiasis in urban and peri-urban settings. PLoS Neglected Tropical Diseases, 2021, 15, e0008995.	3.0	29
12	Evaluation of a urogenital schistosomiasis behavioural intervention among students from rural schools in Unguja and Pemba islands, Zanzibar. Acta Tropica, 2021, 220, 105960.	2.0	5
13	A descriptive qualitative case study of the experiences, perceptions, and attitudes of pregnant women on Unguja island, Zanzibar, towards antischistosomal treatment. Acta Tropica, 2021, 225, 106143.	2.0	2
14	Mitochondrial genome of Bulinus truncatus (Gastropoda: Lymnaeoidea): Implications for snail systematics and schistosome epidemiology. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100017.	1.9	6
15	Genetic analysis of praziquantel response in schistosome parasites implicates a transient receptor potential channel. Science Translational Medicine, 2021, 13, eabj9114.	12.4	42
16	Achieving Elimination as a Public Health Problem for Schistosoma mansoni and S. haematobium: When Is Community-Wide Treatment Required?. Journal of Infectious Diseases, 2020, 221, S525-S530.	4.0	26
17	Performance of a real-time PCR approach for diagnosing Schistosoma haematobium infections of different intensity in urine samples from Zanzibar. Infectious Diseases of Poverty, 2020, 9, 128.	3.7	10
18	Analytical and Clinical Assessment of a Portable, Isothermal Recombinase Polymerase Amplification (RPA) Assay for the Molecular Diagnosis of Urogenital Schistosomiasis. Molecules, 2020, 25, 4175.	3.8	20

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19	Development of a Molecular Snail Xenomonitoring Assay to Detect Schistosoma haematobium and Schistosoma bovis Infections in their Bulinus Snail Hosts. Molecules, 2020, 25, 4011.	3.8	18
20	Prevalence and distribution of schistosomiasis in human, livestock, and snail populations in northern Senegal: a One Health epidemiological study of a multi-host system. Lancet Planetary Health, The, 2020, 4, e330-e342.	11.4	71
21	Interactions between Schistosoma haematobium group species and their Bulinus spp. intermediate hosts along the Niger River Valley. Parasites and Vectors, 2020, 13, 268.	2.5	23
22	Snail-Related Contributions from the Schistosomiasis Consortium for Operational Research and Evaluation Program Including Xenomonitoring, Focal Mollusciciding, Biological Control, and Modeling. American Journal of Tropical Medicine and Hygiene, 2020, 103, 66-79.	1.4	42
23	A 5-Year intervention study on elimination of urogenital schistosomiasis in Zanzibar: Parasitological results of annual cross-sectional surveys. PLoS Neglected Tropical Diseases, 2019, 13, e0007268.	3.0	36
24	Evaluation of integrated interventions layered on mass drug administration for urogenital schistosomiasis elimination: a cluster-randomised trial. The Lancet Global Health, 2019, 7, e1118-e1129.	6.3	63
25	Ancient Hybridization and Adaptive Introgression of an Invadolysin Gene in Schistosome Parasites. Molecular Biology and Evolution, 2019, 36, 2127-2142.	8.9	56
26	Development of a recombinase polymerase amplification (RPA) fluorescence assay for the detection of Schistosoma haematobium. Parasites and Vectors, 2019, 12, 514.	2.5	49
27	Oxamniquine resistance alleles are widespread in Old World Schistosoma mansoni and predate drug deployment. PLoS Pathogens, 2019, 15, e1007881.	4.7	28
28	High-quality Schistosoma haematobium genome achieved by single-molecule and long-range sequencing. GigaScience, 2019, 8, .	6.4	41
29	Whole-genome sequence of the bovine blood fluke Schistosoma bovis supports interspecific hybridization with S. haematobium. PLoS Pathogens, 2019, 15, e1007513.	4.7	49
30	Freshwater snails of biomedical importance in the Niger River Valley: evidence of temporal and spatial patterns in abundance, distribution and infection with Schistosoma spp.. Parasites and Vectors, 2019, 12, 498.	2.5	42
31	Urogenital schistosomiasis elimination in Zanzibar: accuracy of urine filtration and haematuria reagent strips for diagnosing light intensity Schistosoma haematobium infections. Parasites and Vectors, 2018, 11, 552.	2.5	44
32	Paragonimusand paragonimiasis in West and Central Africa: unresolved questions. Parasitology, 2018, 145, 1748-1757.	1.5	18
33	Whole genome amplification and exome sequencing of archived schistosome miracidia. Parasitology, 2018, 145, 1739-1747.	1.5	27
34	Occurrence ofSchistosoma bovison Pemba Island, Zanzibar: implications for urogenital schistosomiasis transmission monitoring. Parasitology, 2018, 145, 1727-1731.	1.5	20
35	Moving from control to elimination of schistosomiasis in sub-Saharan Africa: time to change and adapt strategies. Infectious Diseases of Poverty, 2017, 6, 42.	3.7	123
36	Whole genome analysis of a schistosomiasis-transmitting freshwater snail. Nature Communications, 2017, 8, 15451.	12.8	216

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37	Community Knowledge, Perceptions, and Practices Associated with Urogenital Schistosomiasis among School-Aged Children in Zanzibar, United Republic of Tanzania. PLoS Neglected Tropical Diseases, 2016, 10, e0004814.	3.0	37
38	Outbreak of urogenital schistosomiasis in Corsica (France): an epidemiological case study. Lancet Infectious Diseases, The, 2016, 16, 971-979.	9.1	220
39	Increasing the reach: Involving local Muslim religious teachers in a behavioral intervention to eliminate urogenital schistosomiasis in Zanzibar. Acta Tropica, 2016, 163, 142-148.	2.0	20
40	Urogenital schistosomiasis transmission on Unguja Island, Zanzibar: characterisation of persistent hot-spots. Parasites and Vectors, 2016, 9, 646.	2.5	55
41	Sensitivity and Specificity of a Urine Circulating Anodic Antigen Test for the Diagnosis of Schistosoma haematobium in Low Endemic Settings. PLoS Neglected Tropical Diseases, 2015, 9, e0003752.	3.0	102
42	Efficacy of praziquantel and reinfection patterns in single and mixed infection foci for intestinal and urogenital schistosomiasis in Cameroon. Acta Tropica, 2013, 128, 275-283.	2.0	57
43	Time to set the agenda for schistosomiasis elimination. Acta Tropica, 2013, 128, 423-440.	2.0	484
44	Population genetic structure of Schistosoma mansoni and Schistosoma haematobium from across six sub-Saharan African countries: Implications for epidemiology, evolution and control. Acta Tropica, 2013, 128, 261-274.	2.0	69
45	Parasitological and malacological surveys reveal urogenital schistosomiasis on Mafia Island, Tanzania to be an imported infection. Acta Tropica, 2013, 128, 326-333.	2.0	14
46	Elimination of Schistosomiasis Transmission in Zanzibar: Baseline Findings before the Onset of a Randomized Intervention Trial. PLoS Neglected Tropical Diseases, 2013, 7, e2474.	3.0	64
47	Introgressive Hybridization of Schistosoma haematobium Group Species in Senegal: Species Barrier Break Down between Ruminant and Human Schistosomes. PLoS Neglected Tropical Diseases, 2013, 7, e2110.	3.0	148
48	Genetic Diversity within Schistosoma haematobium: DNA Barcoding Reveals Two Distinct Groups. PLoS Neglected Tropical Diseases, 2012, 6, e1882.	3.0	55
49	Study and implementation of urogenital schistosomiasis elimination in Zanzibar (Unguja and Pemba) Tj ETQq1 1 0.784314 rgBT /Ove	2.9	87
50	Schistosomiasis collection at NHM (SCAN). Parasites and Vectors, 2012, 5, 185.	2.5	63
51	Whole-genome sequence of Schistosoma haematobium. Nature Genetics, 2012, 44, 221-225.	21.4	383
52	Early Differential Gene Expression in Haemocytes from Resistant and Susceptible Biomphalaria glabrata Strains in Response to Schistosoma mansoni. PLoS ONE, 2012, 7, e51102.	2.5	66
53	Patterns and Risk Factors of Helminthiasis and Anemia in a Rural and a Peri-urban Community in Zanzibar, in the Context of Helminth Control Programs. PLoS Neglected Tropical Diseases, 2010, 4, e681.	3.0	62
54	The epidemiology and control of urinary schistosomiasis and soil-transmitted helminthiasis in schoolchildren on Unguja Island, Zanzibar. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 1031-1044.	1.8	73

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55	Nitric oxide production by Biomphalaria glabrata haemocytes: effects of Schistosoma mansoni ESPs and regulation through the extracellular signal-regulated kinase pathway. Parasites and Vectors, 2009, 2, 18.	2.5	33
56	Biomphalaria glabrata transcriptome: cDNA microarray profiling identifies resistant- and susceptible-specific gene expression in haemocytes from snail strains exposed to Schistosoma mansoni. BMC Genomics, 2008, 9, 634.	2.8	67
57	Micro-epidemiology of urinary schistosomiasis in Zanzibar: Local risk factors associated with distribution of infections among schoolchildren and relevance for control. Acta Tropica, 2008, 105, 45-54.	2.0	102
58	Molecular evidence supports an African affinity of the Neotropical freshwater gastropod,Biomphalaria glabrata, Say 1818, an intermediate host forSchistosoma mansoni. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2351-2358.	2.6	55
59	Molecular characterization of Bulinus globosus and B. nasutus on Zanzibar, and an investigation of their roles in the epidemiology of Schistosoma haematobium. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1997, 91, 353-357.	1.8	44