

Aidan M Emery

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,834
citations

304701

22
h-index

289230

40
g-index

55
all docs

55
docs citations

55
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters for effective sand filtration of <i>Schistosoma mansoni</i> cercariae from water. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 1943-1950.	2.1	1
2	Genome-wide insights into adaptive hybridisation across the <i>Schistosoma haematobium</i> group in West and Central Africa. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010088.	3.0	5
3	Genomic analysis of a parasite invasion: Colonization of the Americas by the blood fluke <i>Schistosoma mansoni</i> . <i>Molecular Ecology</i> , 2022, 31, 2242-2263.	3.9	11
4	Chromosome-level genome of <i>Schistosoma haematobium</i> underpins genome-wide explorations of molecular variation. <i>PLoS Pathogens</i> , 2022, 18, e1010288.	4.7	13
5	Cross-reactivity of glycan-reactive HIV-1 broadly neutralizing antibodies with parasite glycans. <i>Cell Reports</i> , 2022, 38, 110611.	6.4	3
6	Transmission and diversity of <i>Schistosoma haematobium</i> and <i>S. bovis</i> and their freshwater intermediate snail hosts <i>Bulinus globosus</i> and <i>B. nasutus</i> in the Zanzibar Archipelago, United Republic of Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010585.	3.0	8
7	Endemicity of <i>Paragonimus</i> and paragonimiasis in Sub-Saharan Africa: A systematic review and mapping reveals stability of transmission in endemic foci for a multi-host parasite system. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009120.	3.0	11
8	AL-PHA beads: Bioplastic-based protease biosensors for global health applications. <i>Materials Today</i> , 2021, 47, 25-37.	14.2	11
9	Ultraviolet disinfection of <i>Schistosoma mansoni</i> cercariae in water. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009572.	3.0	3
10	Genetic analysis of praziquantel response in schistosome parasites implicates a transient receptor potential channel. <i>Science Translational Medicine</i> , 2021, 13, eabj9114.	12.4	42
11	The genetic variation of different developmental stages of <i>Schistosoma japonicum</i> : do the distribution in snails and pairing preference benefit the transmission?. <i>Parasites and Vectors</i> , 2020, 13, 360.	2.5	1
12	Chlorination of <i>Schistosoma mansoni</i> cercariae. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008665.	3.0	13
13	Prevalence and distribution of schistosomiasis in human, livestock, and snail populations in northern Senegal: a One Health epidemiological study of a multi-host system. <i>Lancet Planetary Health</i> , The, 2020, 4, e330-e342.	11.4	71
14	Determining the viability of <i>Schistosoma mansoni</i> cercariae using fluorescence assays: An application for water treatment. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008176.	3.0	7
15	Interactions between <i>Schistosoma haematobium</i> group species and their <i>Bulinus</i> spp. intermediate hosts along the Niger River Valley. <i>Parasites and Vectors</i> , 2020, 13, 268.	2.5	23
16	Snail-Related Contributions from the Schistosomiasis Consortium for Operational Research and Evaluation Program Including Xenomonitoring, Focal Mollusciciding, Biological Control, and Modeling. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 66-79.	1.4	42
17	Chlorination of <i>Schistosoma mansoni</i> cercariae. , 2020, 14, e0008665.		0
18	Chlorination of <i>Schistosoma mansoni</i> cercariae. , 2020, 14, e0008665.		0

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19	Chlorination of <i>Schistosoma mansoni</i> cercariae. , 2020, 14, e0008665.		0
20	Chlorination of <i>Schistosoma mansoni</i> cercariae. , 2020, 14, e0008665.		0
21	Ancient Hybridization and Adaptive Introgression of an Invadysin Gene in Schistosome Parasites. <i>Molecular Biology and Evolution</i> , 2019, 36, 2127-2142.	8.9	56
22	Oxamniquine resistance alleles are widespread in Old World <i>Schistosoma mansoni</i> and predate drug deployment. <i>PLoS Pathogens</i> , 2019, 15, e1007881.	4.7	28
23	Whole-genome sequence of the bovine blood fluke <i>Schistosoma bovis</i> supports interspecific hybridization with <i>S. haematobium</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007513.	4.7	49
24	Comparative genomics of the major parasitic worms. <i>Nature Genetics</i> , 2019, 51, 163-174.	21.4	377
25	Whole genome amplification and exome sequencing of archived schistosome miracidia. <i>Parasitology</i> , 2018, 145, 1739-1747.	1.5	27
26	Signatures of mito-nuclear discordance in <i>Schistosoma turkestanicum</i> indicate a complex evolutionary history of emergence in Europe. <i>Parasitology</i> , 2017, 144, 1752-1762.	1.5	8
27	Longitudinal survey on the distribution of <i>Biomphalaria sudanica</i> and <i>B. choanomophala</i> in Mwanza region, on the shores of Lake Victoria, Tanzania: implications for schistosomiasis transmission and control. <i>Parasites and Vectors</i> , 2017, 10, 316.	2.5	24
28	Mapping freshwater snails in north-western Angola: distribution, identity and molecular diversity of medically important taxa. <i>Parasites and Vectors</i> , 2017, 10, 460.	2.5	18
29	Molecular characterization of host-parasite cell signalling in <i>Schistosoma mansoni</i> during early development. <i>Scientific Reports</i> , 2016, 6, 35614.	3.3	17
30	Whole genome resequencing of the human parasite <i>Schistosoma mansoni</i> reveals population history and effects of selection. <i>Scientific Reports</i> , 2016, 6, 20954.	3.3	72
31	Sensory Protein Kinase Signaling in <i>Schistosoma mansoni</i> Cercariae: Host Location and Invasion. <i>Journal of Infectious Diseases</i> , 2015, 212, 1787-1797.	4.0	41
32	Differences in the Gene Expression Profiles of Haemocytes from Schistosome-Susceptible and -Resistant <i>Biomphalaria glabrata</i> Exposed to <i>Schistosoma mansoni</i> Excretory-Secretory Products. <i>PLoS ONE</i> , 2014, 9, e93215.	2.5	22
33	Protein Kinase C and Extracellular Signal-Regulated Kinase Regulate Movement, Attachment, Pairing and Egg Release in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2924.	3.0	43
34	Significant variance in genetic diversity among populations of <i>Schistosoma haematobium</i> detected using microsatellite DNA loci from a genome-wide database. <i>Parasites and Vectors</i> , 2013, 6, 300.	2.5	26
35	Use of sentinel snails for the detection of <i>Schistosoma haematobium</i> transmission on Zanzibar and observations on transmission patterns. <i>Acta Tropica</i> , 2013, 128, 234-240.	2.0	39
36	Sex-Biased Expression of MicroRNAs in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2402.	3.0	60

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37	Functional Mapping of Protein Kinase A Reveals Its Importance in Adult <i>Schistosoma mansoni</i> Motor Activity. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1988.	3.0	23
38	Genetic Diversity within <i>Schistosoma haematobium</i> : DNA Barcoding Reveals Two Distinct Groups. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1882.	3.0	55
39	Schistosomiasis collection at NHM (SCAN). <i>Parasites and Vectors</i> , 2012, 5, 185.	2.5	63
40	Early Differential Gene Expression in Haemocytes from Resistant and Susceptible <i>Biomphalaria glabrata</i> Strains in Response to <i>Schistosoma mansoni</i> . <i>PLoS ONE</i> , 2012, 7, e51102.	2.5	66
41	Population genetics of <i>Schistosoma haematobium</i> : development of novel microsatellite markers and their application to schistosomiasis control in Mali. <i>Parasitology</i> , 2011, 138, 978-994.	1.5	47
42	A role for p38 mitogen-activated protein kinase in early post-embryonic development of <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2011, 180, 51-55.	1.1	39
43	A role for p38 MAPK in the regulation of ciliary motion in a eukaryote. <i>BMC Cell Biology</i> , 2011, 12, 6.	3.0	63
44	Protein kinase C signalling during miracidium to mother sporocyst development in the helminth parasite, <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2009, 39, 1223-1233.	3.1	25
45	Isolation and characterization of the first polymorphic microsatellite markers for <i>Schistosoma haematobium</i> and their application in multiplex reactions of larval stages. <i>Molecular Ecology Resources</i> , 2008, 8, 647-649.	4.8	16
46	Detection of schistosomes polymerase chain reaction amplified DNA by oligochromatographic dipstick. <i>Molecular and Biochemical Parasitology</i> , 2008, 160, 167-170.	1.1	22
47	Molecular characterization of freshwater snails in the genus <i>Bulinus</i> : a role for barcodes?. <i>Parasites and Vectors</i> , 2008, 1, 15.	2.5	76
48	Development and application of an ethically and epidemiologically advantageous assay for the multi-locus microsatellite analysis of <i>Schistosoma mansoni</i> . <i>Parasitology</i> , 2007, 134, 523-536.	1.5	84
49	Spatial and temporal population genetic survey of <i>Bulinus globosus</i> from Zanzibar: an intermediate host of <i>Schistosoma haematobium</i> . <i>Journal of Zoology</i> , 2007, 272, 329-339.	1.7	7
50	THE MITOCHONDRIAL GENOME OF <i>BIOMPHALARIA GLABRATA</i> (GASTROPODA: BASOMMATOPHORA), INTERMEDIATE HOST OF <i>SCHISTOSOMA MANSONI</i> *. <i>Journal of Parasitology</i> , 2004, 90, 991-997.	0.7	54
51	Microsatellites in the freshwater snail <i>Bulinus globosus</i> (Gastropoda: Planorbidae) from Zanzibar. <i>Molecular Ecology Notes</i> , 2003, 3, 108-110.	1.7	13