

Maria-Gloria Basez

List of Publications by Citations

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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.

165
papers

17,335
citations

46
h-index

131
g-index

176
ext. papers

19,810
ext. citations

6.1
avg, IF

5.72
L-index

#	Paper	IF	Citations
165	Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012 , 380, 2197-223	4.0	5768
164	Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012 , 380, 2163-96	4.0	4971
163	The global burden of disease study 2010: interpretation and implications for the neglected tropical diseases. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2865	4.8	583
162	Reducing Plasmodium falciparum malaria transmission in Africa: a model-based evaluation of intervention strategies. <i>PLoS Medicine</i> , 2010 , 7, e1000324	11.6	362
161	A research agenda for helminth diseases of humans: the problem of helminthiasis. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1582	4.8	199
160	EPIDEMIOLOGY. Countering the Zika epidemic in Latin America. <i>Science</i> , 2016 , 353, 353-4	33.3	191
159	River blindness: a success story under threat?. <i>PLoS Medicine</i> , 2006 , 3, e371	11.6	167
158	Effect of single-dose ivermectin on Onchocerca volvulus: a systematic review and meta-analysis. <i>Lancet Infectious Diseases, The</i> , 2008 , 8, 310-22	25.5	147
157	A research agenda for helminth diseases of humans: intervention for control and elimination. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1549	4.8	145
156	Predicting mosquito infection from Plasmodium falciparum gametocyte density and estimating the reservoir of infection. <i>ELife</i> , 2013 , 2, e00626	8.9	142
155	The global burden of disease study 2013: What does it mean for the NTDs?. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005424	4.8	135
154	Modelling the impact of vector control interventions on Anopheles gambiae population dynamics. <i>Parasites and Vectors</i> , 2011 , 4, 153	4	132
153	A research agenda for helminth diseases of humans: diagnostics for control and elimination programmes. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1601	4.8	125
152	Antibiotics in ingested human blood affect the mosquito microbiota and capacity to transmit malaria. <i>Nature Communications</i> , 2015 , 6, 5921	17.4	106
151	Association between response to albendazole treatment and β -tubulin genotype frequencies in soil-transmitted helminths. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2247	4.8	100
150	Progression of Plasmodium berghei through Anopheles stephensi is density-dependent. <i>PLoS Pathogens</i> , 2007 , 3, e195	7.6	96
149	Micro-epidemiology of urinary schistosomiasis in Zanzibar: Local risk factors associated with distribution of infections among schoolchildren and relevance for control. <i>Acta Tropica</i> , 2008 , 105, 45-54 ^{3.2}	3.2	84

148	Population biology of human onchocerciasis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999 , 354, 809-26	5.8	79
147	Anopheles mortality is both age- and Plasmodium-density dependent: implications for malaria transmission. <i>Malaria Journal</i> , 2009 , 8, 228	3.6	78
146	Therapeutic efficacy and microfilaricidal activity of doxycycline for the treatment of river blindness. <i>Clinical Infectious Diseases</i> , 2015 , 60, 1199-207	11.6	77
145	Required duration of mass ivermectin treatment for onchocerciasis elimination in Africa: a comparative modelling analysis. <i>Parasites and Vectors</i> , 2015 , 8, 552	4	75
144	Quantitative analyses and modelling to support achievement of the 2020 goals for nine neglected tropical diseases. <i>Parasites and Vectors</i> , 2015 , 8, 630	4	72
143	A research agenda for helminth diseases of humans: modelling for control and elimination. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1548	4.8	72
142	Reaching the london declaration on neglected tropical diseases goals for onchocerciasis: an economic evaluation of increasing the frequency of ivermectin treatment in Africa. <i>Clinical Infectious Diseases</i> , 2014 , 59, 923-32	11.6	71
141	The epidemiology and control of urinary schistosomiasis and soil-transmitted helminthiasis in schoolchildren on Unguja Island, Zanzibar. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009 , 103, 1031-44	2	68
140	Human infection patterns and heterogeneous exposure in river blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15265-70	11.5	67
139	Temperature during larval development and adult maintenance influences the survival of <i>Anopheles gambiae</i> s.s. <i>Parasites and Vectors</i> , 2014 , 7, 489	4	66
138	Observed reductions in <i>Schistosoma mansoni</i> transmission from large-scale administration of praziquantel in Uganda: a mathematical modelling study. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e8974.8	4.8	65
137	A research agenda for helminth diseases of humans: towards control and elimination. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1547	4.8	65
136	The development of an age-structured model for trachoma transmission dynamics, pathogenesis and control. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e462	4.8	65
135	Identifying sub-optimal responses to ivermectin in the treatment of River Blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16716-21	11.5	63
134	Schistosomiasis - Assessing Progress toward the 2020 and 2025 Global Goals. <i>New England Journal of Medicine</i> , 2019 , 381, 2519-2528	59.2	62
133	Prevalence and causes of vision loss in sub-Saharan Africa: 1990-2010. <i>British Journal of Ophthalmology</i> , 2014 , 98, 612-8	5.5	61
132	Increased mortality attributed to Chagas disease: a systematic review and meta-analysis. <i>Parasites and Vectors</i> , 2016 , 9, 42	4	59
131	Parasite genetic differentiation by habitat type and host species: molecular epidemiology of <i>Schistosoma japonicum</i> in hilly and marshland areas of Anhui Province, China. <i>Molecular Ecology</i> , 2009 , 18, 2134-47	5.7	59

130	Transmission intensity and the patterns of <i>Onchocerca volvulus</i> infection in human communities. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002 , 67, 669-79	3.2	57
129	Genome-wide analysis of ivermectin response by <i>Onchocerca volvulus</i> reveals that genetic drift and soft selective sweeps contribute to loss of drug sensitivity. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005816	4.8	56
128	Density dependence and overdispersion in the transmission of helminth parasites. <i>Parasitology</i> , 2005 , 131, 121-32	2.7	56
127	Identifying host species driving transmission of schistosomiasis japonica, a multihost parasite system, in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11457-62	11.5	53
126	School-based control of urinary schistosomiasis on Zanzibar, Tanzania: monitoring micro-haematuria with reagent strips as a rapid urological assessment. <i>Journal of Pediatric Urology</i> , 2007 , 3, 364-8	1.5	53
125	Bayesian statistics for parasitologists. <i>Trends in Parasitology</i> , 2004 , 20, 85-91	6.4	53
124	Population genetics of <i>Schistosoma japonicum</i> within the Philippines suggest high levels of transmission between humans and dogs. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e340	4.8	53
123	The potential impact of moxidectin on onchocerciasis elimination in Africa: an economic evaluation based on the Phase II clinical trial data. <i>Parasites and Vectors</i> , 2015 , 8, 167	4	52
122	<i>Onchocerca-Simulium</i> interactions and the population and evolutionary biology of <i>Onchocerca volvulus</i> . <i>Advances in Parasitology</i> , 2009 , 68, 263-313	3.2	49
121	Modelling the impact of ivermectin on River Blindness and its burden of morbidity and mortality in African Savannah: EpiOncho projections. <i>Parasites and Vectors</i> , 2014 , 7, 241	4	47
120	Onchocerciasis Control: Vision for the Future from a Ghanaian perspective. <i>Parasites and Vectors</i> , 2009 , 2, 7	4	46
119	River Blindness: Mathematical Models for Control and Elimination. <i>Advances in Parasitology</i> , 2016 , 94, 247-341	3.2	46
118	Onchocerciasis transmission in Ghana: persistence under different control strategies and the role of the simuliid vectors. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003688	4.8	43
117	Modelling the elimination of river blindness using long-term epidemiological and programmatic data from Mali and Senegal. <i>Epidemics</i> , 2017 , 18, 4-15	5.1	42
116	Uncertainty surrounding projections of the long-term impact of ivermectin treatment on human onchocerciasis. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2169	4.8	42
115	Does Increasing Treatment Frequency Address Suboptimal Responses to Ivermectin for the Control and Elimination of River Blindness?. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1338-1347	11.6	40
114	Macrofilaricidal Efficacy of Repeated Doses of Ivermectin for the Treatment of River Blindness. <i>Clinical Infectious Diseases</i> , 2017 , 65, 2026-2034	11.6	40
113	Density dependence and the control of helminth parasites. <i>Journal of Animal Ecology</i> , 2006 , 75, 1313-20	4.7	40

112	Density-dependent mortality of the human host in onchocerciasis: relationships between microfilarial load and excess mortality. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1578	4.8	39
111	Estimating household and community transmission of ocular Chlamydia trachomatis. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e401	4.8	38
110	Trachoma: transmission, infection, and control. <i>Lancet Infectious Diseases</i> , 2007 , 7, 420-7	25.5	38
109	Model-Based Geostatistical Mapping of the Prevalence of Onchocerca volvulus in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004328	4.8	38
108	How Can Onchocerciasis Elimination in Africa Be Accelerated? Modeling the Impact of Increased Ivermectin Treatment Frequency and Complementary Vector Control. <i>Clinical Infectious Diseases</i> , 2018 , 66, S267-S274	11.6	37
107	The cost of annual versus biannual community-directed treatment of onchocerciasis with ivermectin: Ghana as a case study. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2452	4.8	36
106	Density dependence and the spread of anthelmintic resistance. <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 528-37	3.8	36
105	Individual predisposition, household clustering and risk factors for human infection with Ascaris lumbricoides: new epidemiological insights. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1047	4.8	35
104	Evidence of suppression of onchocerciasis transmission in the Venezuelan Amazonian focus. <i>Parasites and Vectors</i> , 2016 , 9, 40	4	33
103	How universal is coverage and access to diagnosis and treatment for Chagas disease in Colombia? A health systems analysis. <i>Social Science and Medicine</i> , 2017 , 175, 187-198	5.1	32
102	Anaemia in Ugandan preschool-aged children: the relative contribution of intestinal parasites and malaria. <i>Parasitology</i> , 2011 , 138, 1534-45	2.7	32
101	Density-dependent effects on the weight of female Ascaris lumbricoides infections of humans and its impact on patterns of egg production. <i>Parasites and Vectors</i> , 2009 , 2, 11	4	32
100	Incidence of blindness during the Onchocerciasis control programme in western Africa, 1971-2002. <i>Journal of Infectious Diseases</i> , 2004 , 189, 1932-41	7	32
99	Assessing the impact of intervention strategies against Taenia solium cysticercosis using the EPICYST transmission model. <i>Parasites and Vectors</i> , 2017 , 10, 73	4	31
98	Predicted Impact of COVID-19 on Neglected Tropical Disease Programs and the Opportunity for Innovation. <i>Clinical Infectious Diseases</i> , 2021 , 72, 1463-1466	11.6	31
97	Neglected tools for neglected diseases: mathematical models in economic evaluations. <i>Trends in Parasitology</i> , 2014 , 30, 562-70	6.4	29
96	Onchocerciasis: the pre-control association between prevalence of palpable nodules and skin microfilariae. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2168	4.8	29
95	Potential effects of warmer worms and vectors on onchocerciasis transmission in West Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	28

94	Onchocerciasis transmission in Ghana: biting and parous rates of host-seeking sibling species of the <i>Simulium damnosum</i> complex. <i>Parasites and Vectors</i> , 2014 , 7, 511	4	28
93	Modelling for policy: The five principles of the Neglected Tropical Diseases Modelling Consortium. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008033	4.8	28
92	From river blindness to river epilepsy: Implications for onchocerciasis elimination programmes. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007407	4.8	27
91	Larval and adult environmental temperatures influence the adult reproductive traits of <i>Anopheles gambiae</i> s.s. <i>Parasites and Vectors</i> , 2015 , 8, 456	4	27
90	From river blindness control to elimination: bridge over troubled water. <i>Infectious Diseases of Poverty</i> , 2018 , 7, 21	10.4	26
89	New approaches to measuring anthelmintic drug efficacy: parasitological responses of childhood schistosome infections to treatment with praziquantel. <i>Parasites and Vectors</i> , 2016 , 9, 41	4	25
88	Population biology of malaria within the mosquito: density-dependent processes and potential implications for transmission-blocking interventions. <i>Malaria Journal</i> , 2010 , 9, 311	3.6	25
87	A research agenda for helminth diseases of humans: basic research and enabling technologies to support control and elimination of helminthiases. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1445	4.8	25
86	Strategies for tackling <i>Taenia solium</i> taeniosis/cysticercosis: A systematic review and comparison of transmission models, including an assessment of the wider Taeniidae family transmission models. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007301	4.8	24
85	Rates of microfilarial production by <i>Onchocerca volvulus</i> are not cumulatively reduced by multiple ivermectin treatments. <i>Parasitology</i> , 2008 , 135, 1571-81	2.7	24
84	Population biology of multispecies helminth infection: interspecific interactions and parasite distribution. <i>Parasitology</i> , 2005 , 131, 417-33	2.7	24
83	Moxidectin: an oral treatment for human onchocerciasis. <i>Expert Review of Anti-Infective Therapy</i> , 2020 , 18, 1067-1081	5.5	24
82	Density-dependent host choice by disease vectors: epidemiological implications of the ideal free distribution. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007 , 101, 256-69	2	23
81	Human Onchocerciasis: Modelling the Potential Long-term Consequences of a Vaccination Programme. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003938	4.8	23
80	The Population Biology and Transmission Dynamics of <i>Loa loa</i> . <i>Trends in Parasitology</i> , 2018 , 34, 335-350	6.4	22
79	Paradigm lost: how parasite control may alter pattern and process in human helminthiases. <i>Trends in Parasitology</i> , 2012 , 28, 161-71	6.4	22
78	Costs of crowding for the transmission of malaria parasites. <i>Evolutionary Applications</i> , 2013 , 6, 617-29	4.8	22
77	Integrated monitoring and evaluation and environmental risk factors for urogenital schistosomiasis and active trachoma in Burkina Faso before preventative chemotherapy using sentinel sites. <i>BMC Infectious Diseases</i> , 2011 , 11, 191	4	22

76	Sampling strategies to detect anthelmintic resistance: the perspective of human onchocerciasis. <i>Trends in Parasitology</i> , 2009 , 25, 11-7	6.4	22
75	An analysis of genetic diversity and inbreeding in <i>Wuchereria bancrofti</i> : implications for the spread and detection of drug resistance. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e211	4.8	22
74	Temporal and micro-spatial heterogeneity in the distribution of <i>Anopheles</i> vectors of malaria along the Kenyan coast. <i>Parasites and Vectors</i> , 2013 , 6, 311	4	21
73	Modelling Neglected Tropical Diseases diagnostics: the sensitivity of skin snips for <i>Onchocerca volvulus</i> in near elimination and surveillance settings. <i>Parasites and Vectors</i> , 2016 , 9, 343	4	21
72	Stability and change in the distribution of cytospecies of the <i>Simulium damnosum</i> complex (Diptera: Simuliidae) in southern Ghana from 1971 to 2011. <i>Parasites and Vectors</i> , 2013 , 6, 205	4	20
71	Reductions in genetic diversity of <i>Schistosoma mansoni</i> populations under chemotherapeutic pressure: the effect of sampling approach and parasite population definition. <i>Acta Tropica</i> , 2013 , 128, 196-205	3.2	20
70	Human onchocerciasis in the Amazonian area of southern Venezuela: spatial and temporal variations in biting and parity rates of black fly (Diptera: Simuliidae) vectors. <i>Journal of Medical Entomology</i> , 2001 , 38, 520-30	2.2	20
69	Prediction of community prevalence of human onchocerciasis in the Amazonian onchocerciasis focus: Bayesian approach. <i>Bulletin of the World Health Organization</i> , 2003 , 81, 482-90	8.2	20
68	Measuring morbidity associated with urinary schistosomiasis: assessing levels of excreted urine albumin and urinary tract pathologies. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e526	4.8	19
67	Onchocerciasis in the Amazonian focus of southern Venezuela: altitude and blackfly species composition as predictors of endemicity to select communities for ivermectin control programmes. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1998 , 92, 613-20	2	19
66	Uptake of <i>Onchocerca volvulus</i> (Nematoda: Onchocercidae) by <i>Simulium</i> (Diptera: Simuliidae) is not strongly dependent on the density of skin microfilariae in the human host. <i>Journal of Medical Entomology</i> , 2004 , 41, 83-94	2.2	19
65	Determination of sample sizes for the estimation of <i>Onchocerca volvulus</i> (Filarioidea: Onchocercidae) infection rates in biting populations of <i>Simulium ochraceum</i> s.l. (Diptera: Simuliidae) and its application to ivermectin control programs. <i>Journal of Medical Entomology</i> , 1998	2.2	19
64	Modelling exposure heterogeneity and density dependence in onchocerciasis using a novel individual-based transmission model, EPIONCHO-IBM: Implications for elimination and data needs. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007557	4.8	18
63	Models for measuring anthelmintic drug efficacy for parasitologists. <i>Trends in Parasitology</i> , 2014 , 30, 528-37	6.4	17
62	Estimation of changes in the force of infection for intestinal and urogenital schistosomiasis in countries with schistosomiasis control initiative-assisted programmes. <i>Parasites and Vectors</i> , 2015 , 8, 558	4	16
61	Targeting antibiotics to households for trachoma control. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e862	4.8	16
60	A research agenda for helminth diseases of humans: health research and capacity building in disease-endemic countries for helminthiasis control. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1602	4.8	16
59	The impact of an 8-year mass drug administration programme on prevalence, intensity and co-infections of soil-transmitted helminthiasis in Burundi. <i>Parasites and Vectors</i> , 2016 , 9, 513	4	16

58	Identifying co-endemic areas for major filarial infections in sub-Saharan Africa: seeking synergies and preventing severe adverse events during mass drug administration campaigns. <i>Parasites and Vectors</i> , 2018 , 11, 70	4	15
57	Using a nonparametric multilevel latent Markov model to evaluate diagnostics for trachoma. <i>American Journal of Epidemiology</i> , 2013 , 177, 913-22	3.8	15
56	The temporal dynamics of Plasmodium density through the sporogonic cycle within Anopheles mosquitoes. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009 , 103, 1197-8	2	15
55	Hispanic Latin America, Spain and the Spanish-speaking Caribbean: a rich source of reference material for public health, epidemiology and tropical medicine. <i>Emerging Themes in Epidemiology</i> , 2008 , 5, 17	3.9	15
54	Structural Uncertainty in Onchocerciasis Transmission Models Influences the Estimation of Elimination Thresholds and Selection of Age Groups for Seromonitoring. <i>Journal of Infectious Diseases</i> , 2020 , 221, S510-S518	7	14
53	Complementary Paths to Chagas Disease Elimination: The Impact of Combining Vector Control With Etiological Treatment. <i>Clinical Infectious Diseases</i> , 2018 , 66, S293-S300	11.6	14
52	Socio-demographic determinants of Toxoplasma gondii seroprevalence in migrant workers of Peninsular Malaysia. <i>Parasites and Vectors</i> , 2017 , 10, 238	4	14
51	Modelling Anopheles gambiae s.s. Population Dynamics with Temperature- and Age-Dependent Survival. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 5975-6005	4.6	14
50	Diurnal biting periodicity of parous Simulium (Diptera: Simuliidae) vectors in the onchocerciasis Amazonian focus. <i>Acta Tropica</i> , 2005 , 94, 139-58	3.2	14
49	Economic evaluations of onchocerciasis interventions: a systematic review and research needs. <i>Tropical Medicine and International Health</i> , 2019 , 24, 788-816	2.3	12
48	Improving statistical inference on pathogen densities estimated by quantitative molecular methods: malaria gametocytaemia as a case study. <i>BMC Bioinformatics</i> , 2015 , 16, 5	3.6	12
47	Population biology of multispecies helminth infection: competition and coexistence. <i>Journal of Theoretical Biology</i> , 2007 , 244, 81-95	2.3	12
46	Spatiotemporal distribution and population at risk of soil-transmitted helminth infections following an eight-year school-based deworming programme in Burundi, 2007-2014. <i>Parasites and Vectors</i> , 2017 , 10, 583	4	10
45	Modelling the impact of larviciding on the population dynamics and biting rates of Simulium damnosum (s.l.): implications for vector control as a complementary strategy for onchocerciasis elimination in Africa. <i>Parasites and Vectors</i> , 2018 , 11, 316	4	10
44	Onchocerciasis transmission in Ghana: the human blood index of sibling species of the Simulium damnosum complex. <i>Parasites and Vectors</i> , 2016 , 9, 432	4	9
43	Estimating the Future Impact of a Multi-Pronged Intervention Strategy on Ocular Disease Sequelae Caused by Trachoma: A Modeling Study. <i>Ophthalmic Epidemiology</i> , 2015 , 22, 394-402	1.9	9
42	Trickle or clumped infection process? An analysis of aggregation in the weights of the parasitic roundworm of humans, Ascaris lumbricoides. <i>International Journal for Parasitology</i> , 2010 , 40, 1373-80	4.3	9
41	Trickle or clumped infection process? A stochastic model for the infection process of the parasitic roundworm of humans, Ascaris lumbricoides. <i>International Journal for Parasitology</i> , 2010 , 40, 1381-8	4.3	9

40	Vector competence of <i>Simulium oyapockense</i> s.l. and <i>S. incrustatum</i> for <i>Onchocerca volvulus</i> : Implications for ivermectin-based control in the Amazonian focus of human onchocerciasis, a multi-vector-host system. <i>Acta Tropica</i> , 2008 , 107, 80-9	3.2	9
39	Vector competence for <i>Onchocerca volvulus</i> in the <i>Simulium</i> (<i>Notolepria</i>) <i>exiguum</i> complex: cytoforms or density-dependence?. <i>Acta Tropica</i> , 2007 , 103, 58-68	3.2	9
38	Systematic review of studies generating individual participant data on the efficacy of drugs for treating soil-transmitted helminthiasis and the case for data-sharing. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006053	4.8	9
37	What does the COVID-19 pandemic mean for the next decade of onchocerciasis control and elimination?. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021 , 115, 269-280	2	9
36	Modelling trachoma for control programmes. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 673, 141-56	3.6	9
35	Mathematical Models for Neglected Tropical Diseases: Essential Tools for Control and Elimination, Part A. <i>Advances in Parasitology</i> , 2015 , 87, xiii-xvii	3.2	8
34	Contribution of migrant coffee labourers infected with <i>Onchocerca volvulus</i> to the maintenance of the microfilarial reservoir in an ivermectin-treated area of Mexico. <i>Parasites and Vectors</i> , 2007 , 6, 16		8
33	Modelling for control strategies beyond 2020. <i>Bulletin of the World Health Organization</i> , 2020 , 98, 198-205		8
32	Mathematical Modelling of Trachoma Transmission, Control and Elimination. <i>Advances in Parasitology</i> , 2016 , 94, 1-48	3.2	8
31	Atypical Clinical Manifestations of Loiasis and Their Relevance for Endemic Populations. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz417	1	7
30	Designing antifilarial drug trials using clinical trial simulators. <i>Nature Communications</i> , 2020 , 11, 2685	17.4	6
29	Development and evaluation of a Markov model to predict changes in schistosomiasis prevalence in response to praziquantel treatment: a case study of <i>Schistosoma mansoni</i> in Uganda and Mali. <i>Parasites and Vectors</i> , 2016 , 9, 543	4	5
28	The Genomic Architecture of Novel Prophage Sequence Elements and Implications for Onchocerciasis Epidemiology. <i>Frontiers in Microbiology</i> , 2017 , 8, 852	5.7	3
27	<i>Ascaris lumbricoides</i> 2013 , 155-201		3
26	Supporting Drug Development for Neglected Tropical Diseases Using Mathematical Modeling. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1391-e1396	11.6	3
25	Scaling-Down Mass Ivermectin Treatment for Onchocerciasis Elimination: Modeling the Impact of the Geographical Unit for Decision Making. <i>Clinical Infectious Diseases</i> , 2021 , 72, S165-S171	11.6	3
24	Unusual Localization of Blood-Borne <i>Loa loa</i> Microfilariae in the Skin Depends on Microfilarial Density in the Blood: Implications for Onchocerciasis Diagnosis in Coendemic Areas. <i>Clinical Infectious Diseases</i> , 2021 , 72, S158-S164	11.6	3
23	Blash and clear vector control for onchocerciasis elimination and epilepsy prevention: a protocol of a cluster randomised trial in Cameroonian villages. <i>BMJ Open</i> , 2021 , 11, e050341	3	2

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