

Thomas A Smith

List of Publications by Year in descending order

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328
papers

20,003
citations

10351

72
h-index

18075

120
g-index

336
all docs

336
docs citations

336
times ranked

12990
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of malaria control on Plasmodium falciparum in Africa between 2000 and 2015. <i>Nature</i> , 2015, 526, 207-211.	13.7	2,140
2	Heterogeneities in the transmission of infectious agents: Implications for the design of control programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 338-342.	3.3	978
3	A Recombinant Blood-Stage Malaria Vaccine Reduces Plasmodium falciparum Density and Exerts Selective Pressure on Parasite Populations in a Phase 1b Trial in Papua New Guinea. <i>Journal of Infectious Diseases</i> , 2002, 185, 820-827.	1.9	461
4	Randomised trial of efficacy of SPf66 vaccine against Plasmodium falciparum malaria in children in southern Tanzania. <i>Lancet</i> , The, 1994, 344, 1175-1181.	6.3	330
5	Randomised placebo-controlled trial of iron supplementation and malaria chemoprophylaxis for prevention of severe anaemia and malaria in Tanzanian infants. <i>Lancet</i> , The, 1997, 350, 844-850.	6.3	318
6	Preventing Childhood Malaria in Africa by Protecting Adults from Mosquitoes with Insecticide-Treated Nets. <i>PLoS Medicine</i> , 2007, 4, e229.	3.9	289
7	Incidence and admission rates for severe malaria and their impact on mortality in Africa. <i>Malaria Journal</i> , 2017, 16, 1.	0.8	273
8	Attributable fraction estimates and case definitions for malaria in endemic. <i>Statistics in Medicine</i> , 1994, 13, 2345-2358.	0.8	266
9	Spatially variable risk factors for malaria in a geographically heterogeneous landscape, western Kenya: an explorative study. <i>Malaria Journal</i> , 2016, 15, 1.	0.8	255
10	Absence of seasonal variation in malaria parasitaemia in an area of intense seasonal transmission. <i>Acta Tropica</i> , 1993, 54, 55-72.	0.9	246
11	URBANIZATION IN SUB-SAHARAN AFRICA AND IMPLICATION FOR MALARIA CONTROL. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 118-127.	0.6	240
12	An Outbreak of Serotype 1 Streptococcus pneumoniae Meningitis in Northern Ghana with Features That Are Characteristic of Neisseria meningitidis Meningitis Epidemics. <i>Journal of Infectious Diseases</i> , 2005, 192, 192-199.	1.9	184
13	The reliability of diagnostic techniques in the diagnosis and management of malaria in the absence of a gold standard. <i>Lancet Infectious Diseases</i> , The, 2006, 6, 582-588.	4.6	183
14	11. Premunition in Plasmodium falciparum infection: insights from the epidemiology of multiple infections. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 59-64.	0.7	166
15	Urbanization in sub-saharan Africa and implication for malaria control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 118-27.	0.6	160
16	Efficacy of new, concise schedule for melarsoprol in treatment of sleeping sickness caused by Trypanosoma brucei gambiense: a randomised trial. <i>Lancet</i> , The, 2000, 355, 1419-1425.	6.3	158
17	Analysis of Multiple Plasmodium falciparum Infections in Tanzanian Children during the Phase III Trial of the Malaria Vaccine SPf66. <i>Journal of Infectious Diseases</i> , 1997, 175, 921-926.	1.9	155
18	Public health impact and cost-effectiveness of the RTS,S/AS01 malaria vaccine: a systematic comparison of predictions from four mathematical models. <i>Lancet</i> , The, 2016, 387, 367-375.	6.3	154

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19	The epidemiology of malaria in Papua New Guinea. <i>Trends in Parasitology</i> , 2003, 19, 253-259.	1.5	148
20	MATHEMATICAL MODELING OF THE IMPACT OF MALARIA VACCINES ON THE CLINICAL EPIDEMIOLOGY AND NATURAL HISTORY OF PLASMODIUM FALCIPARUM MALARIA: OVERVIEW. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 1-10.	0.6	148
21	Exploring the contributions of bed nets, cattle, insecticides and excitorepellency to malaria control: a deterministic model of mosquito host-seeking behaviour and mortality. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 867-880.	0.7	147
22	Impact of promoting longer-lasting insecticide treatment of bed nets upon malaria transmission in a rural Tanzanian setting with pre-existing high coverage of untreated nets. <i>Malaria Journal</i> , 2010, 9, 187.	0.8	146
23	Consistently high estimates for the proportion of human exposure to malaria vector populations occurring indoors in rural Africa. <i>International Journal of Epidemiology</i> , 2013, 42, 235-247.	0.9	143
24	What is clinical malaria? Finding case definitions for field research in highly endemic areas. <i>Parasitology Today</i> , 1994, 10, 439-442.	3.1	138
25	Impact of spatial distribution of permethrin-impregnated bed nets on child mortality in rural northern Ghana.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998, 59, 80-85.	0.6	138
26	Impact on malaria morbidity of a programme supplying insecticide treated nets in children aged under 2 years in Tanzania: community cross sectional study. <i>BMJ: British Medical Journal</i> , 2001, 322, 270-273.	2.4	133
27	The effect of distance from home on attendance at a small rural health centre in Papua New Guinea. <i>International Journal of Epidemiology</i> , 1998, 27, 878-884.	0.9	132
28	Measuring mortality in developing countries. <i>Bulletin of the World Health Organization</i> , 2006, 84, 181-188.	1.5	130
29	Quantifying behavioural interactions between humans and mosquitoes: Evaluating the protective efficacy of insecticidal nets against malaria transmission in rural Tanzania. <i>BMC Infectious Diseases</i> , 2006, 6, 161.	1.3	126
30	Acquisition and invasiveness of different serotypes of <i>Streptococcus pneumoniae</i> in young children. <i>Epidemiology and Infection</i> , 1993, 111, 27-39.	1.0	121
31	Child mortality and malaria transmission intensity in Africa. <i>Trends in Parasitology</i> , 2001, 17, 145-149.	1.5	118
32	The epidemiology of malaria in the Wosera area, East Sepik Province, Papua New Guinea, in preparation for vaccine trials. I. Malariometric indices and immunity. <i>Annals of Tropical Medicine and Parasitology</i> , 1995, 89, 359-376.	1.6	117
33	Assessing the impact of next-generation rapid diagnostic tests on Plasmodium falciparum malaria elimination strategies. <i>Nature</i> , 2015, 528, S94-S101.	13.7	115
34	Effective Coverage and Systems Effectiveness for Malaria Case Management in Sub-Saharan African Countries. <i>PLoS ONE</i> , 2015, 10, e0127818.	1.1	114
35	Mapping the densities of malaria vectors within a single village. <i>Acta Tropica</i> , 1995, 59, 1-18.	0.9	113
36	Child survival gains in Tanzania: analysis of data from demographic and health surveys. <i>Lancet</i> , The, 2008, 371, 1276-1283.	6.3	113

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37	4. Age dependence of the multiplicity of <i>Plasmodium falciparum</i> infections and of other malariological indices in an area of high endemicity. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 15-20.	0.7	110
38	Comparing the Effectiveness of Malaria Vector-Control Interventions Through a Mathematical Model. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 230-240.	0.6	109
39	Safety and immunogenicity of a three-component blood-stage malaria vaccine (MSP1, MSP2, RESA) against <i>Plasmodium falciparum</i> in Papua New Guinean children. <i>Vaccine</i> , 2003, 22, 30-41.	1.7	107
40	Prospective Study of a Serogroup X <i>Neisseria meningitidis</i> Outbreak in Northern Ghana. <i>Journal of Infectious Diseases</i> , 2002, 185, 618-626.	1.9	106
41	Force of infection is key to understanding the epidemiology of <i>Plasmodium falciparum</i> malaria in Papua New Guinean children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10030-10035.	3.3	106
42	Towards a comprehensive simulation model of malaria epidemiology and control. <i>Parasitology</i> , 2008, 135, 1507-1516.	0.7	105
43	Reduced risk of clinical malaria in children infected with multiple clones of <i>Plasmodium falciparum</i> in a highly endemic area: a prospective community study. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1997, 91, 602-605.	0.7	104
44	Solar Drinking Water Disinfection (SODIS) to Reduce Childhood Diarrhoea in Rural Bolivia: A Cluster-Randomized, Controlled Trial. <i>PLoS Medicine</i> , 2009, 6, e1000125.	3.9	104
45	RELATIONSHIP BETWEEN THE ENTOMOLOGIC INOCULATION RATE AND THE FORCE OF INFECTION FOR <i>PLASMODIUM FALCIPARUM</i> MALARIA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 11-18.	0.6	104
46	Survival and infection probabilities of anthropophagic anophelines from an area of high prevalence of <i>Plasmodium falciparum</i> in humans. <i>Bulletin of Entomological Research</i> , 1997, 87, 445-453.	0.5	102
47	Mapping malaria transmission in West and Central Africa. <i>Tropical Medicine and International Health</i> , 2006, 11, 1032-1046.	1.0	102
48	Role of mass drug administration in elimination of <i>Plasmodium falciparum</i> malaria: a consensus modelling study. <i>The Lancet Global Health</i> , 2017, 5, e680-e687.	2.9	102
49	Efficacy of Olyset Duo, a bednet containing pyriproxyfen and permethrin, versus a permethrin-only net against clinical malaria in an area with highly pyrethroid-resistant vectors in rural Burkina Faso: a cluster-randomised controlled trial. <i>Lancet</i> , The, 2018, 392, 569-580.	6.3	102
50	The Dynamics of Natural <i>Plasmodium falciparum</i> Infections. <i>PLoS ONE</i> , 2012, 7, e45542.	1.1	102
51	<i>Plasmodium falciparum</i> malaria in the first year of life in an area of intense and perennial transmission. <i>Tropical Medicine and International Health</i> , 1996, 1, 475-484.	1.0	100
52	Ensemble Modeling of the Likely Public Health Impact of a Pre-Erythrocytic Malaria Vaccine. <i>PLoS Medicine</i> , 2012, 9, e1001157.	3.9	99
53	Spatial Patterns of Infant Mortality in Mali: The Effect of Malaria Endemicity. <i>American Journal of Epidemiology</i> , 2004, 159, 64-72.	1.6	98
54	Sex-specific and blood meal-induced proteins of <i>Anopheles gambiae</i> midguts: analysis by two-dimensional gel electrophoresis. <i>Malaria Journal</i> , 2003, 2, 1.	0.8	96

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55	COMPARISON OF PCR-RFLP AND GENESCAN-BASED GENOTYPING FOR ANALYZING INFECTION DYNAMICS OF PLASMODIUM FALCIPARUM. American Journal of Tropical Medicine and Hygiene, 2006, 74, 944-950.	0.6	95
56	Bacterial Colonization of the Upper Respiratory Tract and Its Association with Acute Lower Respiratory Tract Infections in Highland Children of Papua New Guinea. Clinical Infectious Diseases, 1990, 12, S1006-S1016.	2.9	94
57	The effect of mass mosquito trapping on malaria transmission and disease burden (SolarMal): a stepped-wedge cluster-randomised trial. Lancet, The, 2016, 388, 1193-1201.	6.3	91
58	Bayesian modelling of geostatistical malaria risk data. Geospatial Health, 2006, 1, 127.	0.3	89
59	Cost-sharing strategies combining targeted public subsidies with private-sector delivery achieve high bednet coverage and reduced malaria transmission in Kilombero Valley, southern Tanzania. BMC Infectious Diseases, 2007, 7, 121.	1.3	89
60	A Research Agenda for Malaria Eradication: Modeling. PLoS Medicine, 2011, 8, e1000403.	3.9	89
61	A MODEL FOR NATURAL IMMUNITY TO ASEXUAL BLOOD STAGES OF PLASMODIUM FALCIPARUM MALARIA IN ENDEMIC AREAS. American Journal of Tropical Medicine and Hygiene, 2006, 75, 19-31.	0.6	88
62	Spatio-temporal analysis of the role of climate in inter-annual variation of malaria incidence in Zimbabwe. International Journal of Health Geographics, 2006, 5, 20.	1.2	87
63	RELATIONSHIPS BETWEEN HOST INFECTIVITY TO MOSQUITOES AND ASEXUAL PARASITE DENSITY IN PLASMODIUM FALCIPARUM. American Journal of Tropical Medicine and Hygiene, 2006, 75, 32-37.	0.6	85
64	Malaria Mapping Using Transmission Models: Application to Survey Data from Mali. American Journal of Epidemiology, 2006, 163, 289-297.	1.6	84
65	High sensitivity detection of Plasmodium species reveals positive correlations between infections of different species, shifts in age distribution and reduced local variation in Papua New Guinea. Malaria Journal, 2009, 8, 41.	0.8	82
66	Clonal Waves of Neisseria Colonisation and Disease in the African Meningitis Belt: Eight-Year Longitudinal Study in Northern Ghana. PLoS Medicine, 2007, 4, e101.	3.9	81
67	Assessment of ultra-sensitive malaria diagnosis versus standard molecular diagnostics for malaria elimination: an in-depth molecular community cross-sectional study. Lancet Infectious Diseases, The, 2018, 18, 1108-1116.	4.6	81
68	The epidemiology of malaria in the Wosera area, East Sepik Province, Papua New Guinea, in preparation for vaccine trials. II. Mortality and morbidity. Annals of Tropical Medicine and Parasitology, 1995, 89, 377-390.	1.6	80
69	Associations of peak shifts in age-prevalence for human malaras with bednet coverage. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 1-6.	0.7	80
70	Density independent feeding success of malaria vectors (Diptera: Culicidae) in Tanzania. Bulletin of Entomological Research, 1995, 85, 29-35.	0.5	78
71	Area effects of bednet use in a malaria-endemic area in Papua New Guinea. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 7-13.	0.7	78
72	Incidence of Plasmodium falciparum infection in infants in relation to exposure to sporozoite-infected anophelines. American Journal of Tropical Medicine and Hygiene, 1998, 59, 243-251.	0.6	77

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73	The rise and fall of <i>Anopheles arabiensis</i> (Diptera: Culicidae) in a Tanzanian village. <i>Bulletin of Entomological Research</i> , 1995, 85, 37-44.	0.5	76
74	AN EPIDEMIOLOGIC MODEL OF SEVERE MORBIDITY AND MORTALITY CAUSED BY PLASMODIUM FALCIPARUM. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 63-73.	0.6	76
75	A mathematical model for the dynamics of malaria in mosquitoes feeding on a heterogeneous host population. <i>Journal of Biological Dynamics</i> , 2008, 2, 259-285.	0.8	75
76	Molecular epidemiology of <i>Plasmodium falciparum</i> infections among asymptomatic inhabitants of a holoendemic malarious area in northern Ghana. <i>Tropical Medicine and International Health</i> , 2002, 7, 421-428.	1.0	73
77	Comparative performance of the Mbita trap, CDC light trap and the human landing catch in the sampling of <i>Anopheles arabiensis</i> , <i>An. funestus</i> and culicine species in a rice irrigation in western Kenya. <i>Malaria Journal</i> , 2005, 4, 7.	0.8	73
78	Multiplicity and Diversity of <i>Plasmodium vivax</i> Infections in a Highly Endemic Region in Papua New Guinea. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1424.	1.3	73
79	The role of low level <i>Plasmodium falciparum</i> parasitaemia in anaemia among infants living in an area of intense and perennial transmission. <i>Tropical Medicine and International Health</i> , 1997, 2, 325-333.	1.0	71
80	Comparison of PCR-RFLP and Genescan-based genotyping for analyzing infection dynamics of <i>Plasmodium falciparum</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 944-50.	0.6	71
81	The N-terminal domain of <i>Plasmodium falciparum</i> circumsporozoite protein represents a target of protective immunity. <i>Vaccine</i> , 2009, 27, 328-335.	1.7	69
82	Rapid urban malaria appraisal (RUMA) I: epidemiology of urban malaria in Ouagadougou. <i>Malaria Journal</i> , 2005, 4, 43.	0.8	67
83	Rapid Urban Malaria Appraisal (RUMA) III: epidemiology of urban malaria in the municipality of Yopougon (Abidjan). <i>Malaria Journal</i> , 2006, 5, 28.	0.8	67
84	A Periodically-Forced Mathematical Model for the Seasonal Dynamics of Malaria in Mosquitoes. <i>Bulletin of Mathematical Biology</i> , 2012, 74, 1098-1124.	0.9	67
85	Mathematical modelling of mosquito dispersal in a heterogeneous environment. <i>Mathematical Biosciences</i> , 2013, 241, 198-216.	0.9	67
86	Defining the relationship between infection prevalence and clinical incidence of <i>Plasmodium falciparum</i> malaria. <i>Nature Communications</i> , 2015, 6, 8170.	5.8	67
87	Relationships between <i>Plasmodium falciparum</i> infection and morbidity in a highly endemic area. <i>Parasitology</i> , 1994, 109, 539-549.	0.7	66
88	Malaria: how useful are clinical criteria for improving the diagnosis in a highly endemic area?. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994, 88, 537-541.	0.7	65
89	Strain-Specific Humoral Response to a Polymorphic Malaria Vaccine. <i>Infection and Immunity</i> , 2004, 72, 6300-6305.	1.0	65
90	Rapid Urban Malaria Appraisal (RUMA) II: epidemiology of urban malaria in Dar es Salaam (Tanzania). <i>Malaria Journal</i> , 2006, 5, 29.	0.8	65

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91	RELATIONSHIPS BETWEEN THE OUTCOME OF PLASMODIUM FALCIPARUM INFECTION AND THE INTENSITY OF TRANSMISSION IN AFRICA. American Journal of Tropical Medicine and Hygiene, 2004, 71, 80-86.	0.6	65
92	Simulations for designing and interpreting intervention trials in infectious diseases. BMC Medicine, 2017, 15, 223.	2.3	64
93	COMPARATIVE FIELD EVALUATION OF THE MBITA TRAP, THE CENTERS FOR DISEASE CONTROL LIGHT TRAP, AND THE HUMAN LANDING CATCH FOR SAMPLING OF MALARIA VECTORS IN WESTERN KENYA. American Journal of Tropical Medicine and Hygiene, 2004, 70, 33-37.	0.6	64
94	Comparison between anopheline mosquitoes (Diptera: Culicidae) caught using different methods in a malaria endemic area of Papua New Guinea. Bulletin of Entomological Research, 2000, 90, 211-219.	0.5	62
95	INFECTIOUSNESS OF MALARIA-ENDEMIC HUMAN POPULATIONS TO VECTORS. American Journal of Tropical Medicine and Hygiene, 2006, 75, 38-45.	0.6	62
96	Sexual differentiation and sex determination in the Apicomplexa. Trends in Parasitology, 2002, 18, 315-323.	1.5	61
97	AN EPIDEMIOLOGIC MODEL OF THE INCIDENCE OF ACUTE ILLNESS IN PLASMODIUM FALCIPARUM MALARIA. American Journal of Tropical Medicine and Hygiene, 2006, 75, 56-62.	0.6	61
98	Reduction in the Incidence of Acute Bronchitis by an Oral Haemophilus influenzae Vaccine in Patients with Chronic Bronchitis in the Highlands of Papua New Guinea. The American Review of Respiratory Disease, 1991, 144, 324-330.	2.9	59
99	Towards empirical description of malaria seasonality in southern Africa: the example of Zimbabwe. Tropical Medicine and International Health, 2005, 10, 909-918.	1.0	59
100	What Should Vaccine Developers Ask? Simulation of the Effectiveness of Malaria Vaccines. PLoS ONE, 2008, 3, e3193.	1.1	59
101	The distribution of Plasmodium falciparum infection durations. Epidemics, 2011, 3, 109-118.	1.5	59
102	Spatio-temporal malaria transmission patterns in Navrongo demographic surveillance site, northern Ghana. Malaria Journal, 2013, 12, 63.	0.8	59
103	ENVIRONMENTAL PREDICTORS OF THE SEASONALITY OF MALARIA TRANSMISSION IN AFRICA: THE CHALLENGE. American Journal of Tropical Medicine and Hygiene, 2007, 76, 33-38.	0.6	59
104	Spatial and Temporal Variation in Abundance of Anopheles (Diptera: Culicidae) in a Malaria Endemic Area in Papua New Guinea. Journal of Medical Entomology, 1997, 34, 193-205.	0.9	57
105	A prospective study of Plasmodium falciparum multiplicity of infection and morbidity in Tanzanian children. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2004, 98, 687-694.	0.7	57
106	Risk Factors for Surgical Site Infection in a Tanzanian District Hospital: A Challenge for the Traditional National Nosocomial Infections Surveillance System Index. Infection Control and Hospital Epidemiology, 2006, 27, 1401-1404.	1.0	57
107	Rapid urban malaria appraisal (RUMA) in sub-Saharan Africa. Malaria Journal, 2005, 4, 40.	0.8	55
108	Prospective risk of morbidity in relation to malaria infection in an area of high endemicity of multiple species of Plasmodium.. American Journal of Tropical Medicine and Hygiene, 2001, 64, 262-267.	0.6	55

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109	ESTIMATING THE DURATION OF PLASMODIUM FALCIPARUM INFECTION FROM TRIALS OF INDOOR RESIDUAL SPRAYING. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 625-634.	0.6	55
110	AN APPROACH TO MODEL THE COSTS AND EFFECTS OF CASE MANAGEMENT OF PLASMODIUM FALCIPARUM MALARIA IN SUB-SAHARAN AFRICA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 90-103.	0.6	55
111	Evaluation of C-reactive protein and haptoglobin as malaria episode markers in an area of high transmission in Africa. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994, 88, 182-186.	0.7	53
112	How Much Remains Undetected? Probability of Molecular Detection of Human Plasmodia in the Field. <i>PLoS ONE</i> , 2011, 6, e19010.	1.1	53
113	Distinction of recrudescences from new infections by pcr analysis in a comparative trial of cgp 56 697 and chloroquine in Tanzanian children.. <i>Tropical Medicine and International Health</i> , 1998, 3, 490-497.	1.0	52
114	Is Fever a Good Sign for Clinical Malaria in Surveys of Endemic Communities?. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 52, 306-310.	0.6	52
115	Made-to-measure malaria vector control strategies: rational design based on insecticide properties and coverage of blood resources for mosquitoes. <i>Malaria Journal</i> , 2014, 13, 146.	0.8	51
116	Mapping malaria risk in West Africa using a Bayesian nonparametric non-stationary model. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 3358-3371.	0.7	50
117	Spatial and temporal dynamics of malaria transmission in rural Western Kenya. <i>Parasites and Vectors</i> , 2012, 5, 86.	1.0	50
118	PREDICTIONS OF THE EPIDEMIOLOGIC IMPACT OF INTRODUCING A PRE-ERYTHROCYTIC VACCINE INTO THE EXPANDED PROGRAM ON IMMUNIZATION IN SUB-SAHARAN AFRICA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 111-118.	0.6	49
119	Patterns of Age-Specific Mortality in Children in Endemic Areas of Sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 99-105.	0.6	49
120	6. Multiple Plasmodium falciparum infections in Tanzanian infants. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 29-34.	0.7	48
121	Applications and limitations of Centers for Disease Control and Prevention miniature light traps for measuring biting densities of African malaria vector populations: a pooled-analysis of 13 comparisons with human landing catches. <i>Malaria Journal</i> , 2015, 14, 247.	0.8	48
122	Patterns of age-specific mortality in children in endemic areas of sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 99-105.	0.6	48
123	Malaria infection and morbidity in infants in relation to genetic polymorphisms in Tanzania. <i>Tropical Medicine and International Health</i> , 1999, 4, 187-193.	1.0	47
124	Relationships between the outcome of Plasmodium falciparum infection and the intensity of transmission in Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 80-6.	0.6	47
125	Risk factors for meningococcal meningitis in northern Ghana. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2001, 95, 477-480.	0.7	46
126	Mortality in a seven-and-a-half-year follow-up of a trial of insecticide-treated mosquito nets in Ghana. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2002, 96, 597-599.	0.7	46

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127	Medium conditioned by feeder cells inhibits the differentiation of embryonal carcinoma cultures. <i>Experimental Cell Research</i> , 1983, 145, 458-462.	1.2	45
128	Distribution of survival times of deliberate <i>Plasmodium falciparum</i> infections in tertiary syphilis patients. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2006, 100, 811-816.	0.7	44
129	Focus on the effect of bednets on malaria morbidity and mortality. <i>Parasitology Today</i> , 1997, 13, 123-124.	3.1	42
130	Hydrocortisone in chloramphenicol-treated severe typhoid fever in Papua New Guinea. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1991, 85, 113-116.	0.7	41
131	Simplified Models of Vector Control Impact upon Malaria Transmission by Zoophagic Mosquitoes. <i>PLoS ONE</i> , 2012, 7, e37661.	1.1	41
132	Relationships of malaria morbidity with exposure to <i>Plasmodium falciparum</i> in young children in a highly endemic area.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998, 59, 252-257.	0.6	41
133	9. Effect of insecticide-treated bed nets on haemoglobin values, prevalence and multiplicity of infection with <i>Plasmodium falciparum</i> in a randomized controlled trial in Tanzania. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 47-51.	0.7	40
134	Estimation of infection and recovery rates for highly polymorphic parasites when detectability is imperfect, using hidden Markov models. <i>Statistics in Medicine</i> , 2003, 22, 1709-1724.	0.8	40
135	El Niño Southern Oscillation (ENSO) and annual malaria incidence in Southern Africa. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 326-330.	0.7	40
136	Design of a Phase III cluster randomized trial to assess the efficacy and safety of a malaria transmission blocking vaccine. <i>Vaccine</i> , 2015, 33, 1518-1526.	1.7	40
137	A Comparison of Methods to Detect and Quantify the Markers of Antimalarial Drug Resistance. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 489-495.	0.6	39
138	SPf66, a chemically synthesized subunit malaria vaccine, is safe and immunogenic in Tanzanians exposed to intense malaria transmission. <i>Vaccine</i> , 1994, 12, 328-336.	1.7	38
139	Antibodies against <i>Plasmodium falciparum</i> vaccine candidates in infants in an area of intense and perennial transmission: relationships with clinical malaria and with entomological inoculation rates. <i>Parasite Immunology</i> , 1999, 21, 307-317.	0.7	38
140	Modeling the Cost Effectiveness of Malaria Control Interventions in the Highlands of Western Kenya. <i>PLoS ONE</i> , 2014, 9, e107700.	1.1	38
141	Monitoring of Larval Habitats and Mosquito Densities in the Sudan Savanna of Mali: Implications for Malaria Vector Control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 82-88.	0.6	38
142	Estimation of the sequestered parasite load in severe malaria patients using both host and parasite markers. <i>Parasitology</i> , 2005, 131, 449.	0.7	37
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