

Thomas A Smith

List of Publications by Year in descending order

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Version: 2024-02-01

328
papers

20,003
citations

10389

72
h-index

18130

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. | 27.8 | 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. | 7.1 | 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. | 4.0 | 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. | 13.7 | 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. | 13.7 | 318 |
| 6 | Preventing Childhood Malaria in Africa by Protecting Adults from Mosquitoes with Insecticide-Treated Nets. <i>PLoS Medicine</i> , 2007, 4, e229. | 8.4 | 289 |
| 7 | Incidence and admission rates for severe malaria and their impact on mortality in Africa. <i>Malaria Journal</i> , 2017, 16, 1. | 2.3 | 273 |
| 8 | Attributable fraction estimates and case definitions for malaria in endemic. <i>Statistics in Medicine</i> , 1994, 13, 2345-2358. | 1.6 | 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. | 2.3 | 255 |
| 10 | Absence of seasonal variation in malaria parasitaemia in an area of intense seasonal transmission. <i>Acta Tropica</i> , 1993, 54, 55-72. | 2.0 | 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. | 1.4 | 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. | 4.0 | 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. | 9.1 | 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. | 1.8 | 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. | 1.4 | 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. | 13.7 | 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. | 4.0 | 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. | 13.7 | 154 |

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|----|--|------|-----------|
| 19 | The epidemiology of malaria in Papua New Guinea. <i>Trends in Parasitology</i> , 2003, 19, 253-259. | 3.3 | 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. | 1.4 | 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. | 1.8 | 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. | 2.3 | 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. | 1.9 | 143 |
| 24 | What is clinical malaria? Finding case definitions for field research in highly endemic areas. <i>Parasitology Today</i> , 1994, 10, 439-442. | 3.0 | 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. | 1.4 | 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. | 2.3 | 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. | 1.9 | 132 |
| 28 | Measuring mortality in developing countries. <i>Bulletin of the World Health Organization</i> , 2006, 84, 181-188. | 3.3 | 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. | 2.9 | 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. | 2.1 | 121 |
| 31 | Child mortality and malaria transmission intensity in Africa. <i>Trends in Parasitology</i> , 2001, 17, 145-149. | 3.3 | 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. | 27.8 | 115 |
| 34 | Effective Coverage and Systems Effectiveness for Malaria Case Management in Sub-Saharan African Countries. <i>PLoS ONE</i> , 2015, 10, e0127818. | 2.5 | 114 |
| 35 | Mapping the densities of malaria vectors within a single village. <i>Acta Tropica</i> , 1995, 59, 1-18. | 2.0 | 113 |
| 36 | Child survival gains in Tanzania: analysis of data from demographic and health surveys. <i>Lancet</i> , The, 2008, 371, 1276-1283. | 13.7 | 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. | 1.8 | 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. | 1.4 | 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. | 3.8 | 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. | 4.0 | 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. | 7.1 | 106 |
| 42 | Towards a comprehensive simulation model of malaria epidemiology and control. <i>Parasitology</i> , 2008, 135, 1507-1516. | 1.5 | 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. | 1.8 | 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. | 8.4 | 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. | 1.4 | 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. | 1.0 | 102 |
| 47 | Mapping malaria transmission in West and Central Africa. <i>Tropical Medicine and International Health</i> , 2006, 11, 1032-1046. | 2.3 | 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. | 6.3 | 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. | 13.7 | 102 |
| 50 | The Dynamics of Natural <i>Plasmodium falciparum</i> Infections. <i>PLoS ONE</i> , 2012, 7, e45542. | 2.5 | 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. | 2.3 | 100 |
| 52 | Ensemble Modeling of the Likely Public Health Impact of a Pre-Erythrocytic Malaria Vaccine. <i>PLoS Medicine</i> , 2012, 9, e1001157. | 8.4 | 99 |
| 53 | Spatial Patterns of Infant Mortality in Mali: The Effect of Malaria Endemicity. <i>American Journal of Epidemiology</i> , 2004, 159, 64-72. | 3.4 | 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. | 2.3 | 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. | 1.4 | 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. | 5.8 | 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. | 13.7 | 91 |
| 58 | Bayesian modelling of geostatistical malaria risk data. Geospatial Health, 2006, 1, 127. | 0.8 | 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. | 2.9 | 89 |
| 60 | A Research Agenda for Malaria Eradication: Modeling. PLoS Medicine, 2011, 8, e1000403. | 8.4 | 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. | 1.4 | 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. | 2.5 | 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. | 1.4 | 85 |
| 64 | Malaria Mapping Using Transmission Models: Application to Survey Data from Mali. American Journal of Epidemiology, 2006, 163, 289-297. | 3.4 | 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. | 2.3 | 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. | 8.4 | 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. | 9.1 | 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 malarias with bednet coverage. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 1-6. | 1.8 | 80 |
| 70 | Density independent feeding success of malaria vectors (Diptera: Culicidae) in Tanzania. Bulletin of Entomological Research, 1995, 85, 29-35. | 1.0 | 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. | 1.8 | 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. | 1.4 | 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. | 1.0 | 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. | 1.4 | 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. | 1.7 | 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. | 2.3 | 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. | 2.3 | 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. | 3.0 | 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. | 2.3 | 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. | 1.4 | 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. | 3.8 | 69 |
| 82 | Rapid urban malaria appraisal (RUMA) I: epidemiology of urban malaria in Ouagadougou. <i>Malaria Journal</i> , 2005, 4, 43. | 2.3 | 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. | 2.3 | 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. | 1.9 | 67 |
| 85 | Mathematical modelling of mosquito dispersal in a heterogeneous environment. <i>Mathematical Biosciences</i> , 2013, 241, 198-216. | 1.9 | 67 |
| 86 | Defining the relationship between infection prevalence and clinical incidence of <i>Plasmodium falciparum</i> malaria. <i>Nature Communications</i> , 2015, 6, 8170. | 12.8 | 67 |
| 87 | Relationships between <i>Plasmodium falciparum</i> infection and morbidity in a highly endemic area. <i>Parasitology</i> , 1994, 109, 539-549. | 1.5 | 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. | 1.8 | 65 |
| 89 | Strain-Specific Humoral Response to a Polymorphic Malaria Vaccine. <i>Infection and Immunity</i> , 2004, 72, 6300-6305. | 2.2 | 65 |
| 90 | Rapid Urban Malaria Appraisal (RUMA) II: epidemiology of urban malaria in Dar es Salaam (Tanzania). <i>Malaria Journal</i> , 2006, 5, 29. | 2.3 | 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. | 1.4 | 65 |
| 92 | Simulations for designing and interpreting intervention trials in infectious diseases. BMC Medicine, 2017, 15, 223. | 5.5 | 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. | 1.4 | 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. | 1.0 | 62 |
| 95 | INFECTIOUSNESS OF MALARIA-ENDEMIC HUMAN POPULATIONS TO VECTORS. American Journal of Tropical Medicine and Hygiene, 2006, 75, 38-45. | 1.4 | 62 |
| 96 | Sexual differentiation and sex determination in the Apicomplexa. Trends in Parasitology, 2002, 18, 315-323. | 3.3 | 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. | 1.4 | 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. | 2.3 | 59 |
| 100 | What Should Vaccine Developers Ask? Simulation of the Effectiveness of Malaria Vaccines. PLoS ONE, 2008, 3, e3193. | 2.5 | 59 |
| 101 | The distribution of Plasmodium falciparum infection durations. Epidemics, 2011, 3, 109-118. | 3.0 | 59 |
| 102 | Spatio-temporal malaria transmission patterns in Navrongo demographic surveillance site, northern Ghana. Malaria Journal, 2013, 12, 63. | 2.3 | 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. | 1.4 | 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. | 1.8 | 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. | 1.8 | 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. | 1.8 | 57 |
| 107 | Rapid urban malaria appraisal (RUMA) in sub-Saharan Africa. Malaria Journal, 2005, 4, 40. | 2.3 | 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. | 1.4 | 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. | 1.4 | 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. | 1.4 | 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. | 1.8 | 53 |
| 112 | How Much Remains Undetected? Probability of Molecular Detection of Human Plasmodia in the Field. <i>PLoS ONE</i> , 2011, 6, e19010. | 2.5 | 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. | 2.3 | 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. | 1.4 | 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. | 2.3 | 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. | 1.2 | 50 |
| 117 | Spatial and temporal dynamics of malaria transmission in rural Western Kenya. <i>Parasites and Vectors</i> , 2012, 5, 86. | 2.5 | 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. | 1.4 | 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. | 1.4 | 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. | 1.8 | 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. | 2.3 | 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. | 1.4 | 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. | 2.3 | 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. | 1.4 | 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. | 1.8 | 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. | 1.8 | 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. | 2.6 | 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. | 1.8 | 44 |
| 129 | Focus on the effect of bednets on malaria morbidity and mortality. <i>Parasitology Today</i> , 1997, 13, 123-124. | 3.0 | 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. | 1.8 | 41 |
| 131 | Simplified Models of Vector Control Impact upon Malaria Transmission by Zoophagic Mosquitoes. <i>PLoS ONE</i> , 2012, 7, e37661. | 2.5 | 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. | 1.4 | 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. | 1.8 | 40 |
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