# Philip Bejon

List of Publications by Year
in descending order



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|---|---|---|---|
| 194 papers | 12,083 citations | 34105 52 h-index | 32842 100 g-index |
| 218 all docs | 218 docs citations | 218 times ranked | 10959 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | First Results of Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Children. New England Journal of Medicine, 2011, 365, 1863-1875. | 27.0 | 773 |
| 2 | A Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Infants. New England Journal of Medicine, 2012, 367, 2284-2295. | 27.0 | 653 |
| 3 | Oral versus Intravenous Antibiotics for Bone and Joint Infection. New England Journal of Medicine, 2019, 380, 425-436. | 27.0 | 548 |
| 4 | Efficacy of RTS,S/AS01E Vaccine against Malaria in Children 5 to 17 Months of Age. New England Journal of Medicine, 2008, 359, 2521-2532. | 27.0 | 365 |
| 5 | Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe. New England Journal of Medicine, 2016, 374, 1647-1660. | 27.0 | 355 |
| 6 | Seven-Year Efficacy of RTS,S/AS01 Malaria Vaccine among Young African Children. New England Journal of Medicine, 2016, 374, 2519-2529. | 27.0 | 336 |
| 7 | Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. New England Journal of Medicine, 2015, 373, 2025-2037. | 27.0 | 332 |
| 8 | Upregulation of TGF-Î², FOXP3, and CD4+CD25+ Regulatory T Cells Correlates with More Rapid Parasite Growth in Human Malaria Infection. Immunity, 2005, 23, 287-296. | 14.3 | 328 |
| 9 | Immunogenicity of the RTS,S/AS01 malaria vaccine and implications for duration of vaccine efficacy: secondary analysis of data from a phase 3 randomised controlled trial. Lancet Infectious Diseases, The, 2015, 15, 1450-1458. | 9.1 | 262 |
| 10 | Chronic Exposure to Plasmodium falciparum Is Associated with Phenotypic Evidence of B and T Cell Exhaustion. Journal of Immunology, 2013, 190, 1038-1047. | 0.8 | 261 |
| 11 | Seroprevalence of antiâ€“SARS-CoV-2 IgG antibodies in Kenyan blood donors. Science, 2021, 371, 79-82. | 12.6 | 247 |
| 12 | Four-Year Efficacy of RTS,S/AS01E and Its Interaction with Malaria Exposure. New England Journal of Medicine, 2013, 368, 1111-1120. | 27.0 | 240 |
| 13 | Enhanced T cell-mediated protection against malaria in human challenges by using the recombinant poxviruses FP9 and modified vaccinia virus Ankara. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4836-4841. | 7.1 | 228 |
| 14 | Stable and Unstable Malaria Hotspots in Longitudinal Cohort Studies in Kenya. PLoS Medicine, 2010, 7, e1000304. | 8.4 | 221 |
| 15 | The prevalence of Plasmodium falciparum in sub-Saharan Africa since 1900. Nature, 2017, 550, 515-518. | 27.8 | 180 |
| 16 | Examining the human infectious reservoir for Plasmodium falciparum malaria in areas of differing transmission intensity. Nature Communications, 2017, 8, 1133. | 12.8 | 174 |
| 17 | The Relationship between RTS,S Vaccine-Induced Antibodies, CD4+ T Cell Responses and Protection against Plasmodium falciparum Infection. PLoS ONE, 2013, 8, e61395. | 2.5 | 163 |
| 18 | Calculation of Liverâ€toâ€Blood Inocula, Parasite Growth Rates, and Preerythrocytic Vaccine Efficacy, from Serial Quantitative Polymerase Chain Reaction Studies of Volunteers Challenged with Malaria Sporozoites. Journal of Infectious Diseases, 2005, 191, 619-626. | 4.0 | 152 |

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|---|---|---|---|
| 19 | Efficacy of RTS,S/AS01E malaria vaccine and exploratory analysis on anti-circumsporozoite antibody titres and protection in children aged 5â€“17 months in Kenya and Tanzania: a randomised controlled trial. Lancet Infectious Diseases, The, 2011, 11, 102-109. | 9.1 | 152 |
| 20 | Prevalence of vitamin D deficiency in Africa: a systematic review and meta-analysis. The Lancet Global Health, 2020, 8, e134-e142. | 6.3 | 150 |
| 21 | HIV Infection, Malnutrition, and Invasive Bacterial Infection among Children with Severe Malaria. Clinical Infectious Diseases, 2009, 49, 336-343. | 5.8 | 146 |
| 22 | A LAIR1 insertion generates broadly reactive antibodies against malaria variant antigens. Nature, 2016, 529, 105-109. | 27.8 | 140 |
| 23 | Innate Immune Responses to Human Malaria: Heterogeneous Cytokine Responses to Blood-Stage Plasmodium falciparum Correlate with Parasitological and Clinical Outcomes. Journal of Immunology, 2006, 177, 5736-5745. | 0.8 | 138 |
| 24 | Atypical B cells are part of an alternative lineage of B cells that participates in responses to vaccination and infection in humans. Cell Reports, 2021, 34, 108684. | 6.4 | 134 |
| 25 | A Phase 2b Randomised Trial of the Candidate Malaria Vaccines FP9 ME-TRAP and MVA ME-TRAP among Children in Kenya. PLOS Clinical Trials, 2006, 1, e29. | 3.5 | 124 |
| 26 | Durable Human Memory T Cells Quantifiable by Cultured Enzyme-Linked Immunospot Assays Are Induced by Heterologous Prime Boost Immunization and Correlate with Protection against Malaria. Journal of Immunology, 2005, 175, 5675-5680. | 0.8 | 123 |
| 27 | A micro-epidemiological analysis of febrile malaria in Coastal Kenya showing hotspots within hotspots. ELife, 2014, 3, e02130. | 6.0 | 115 |
| 28 | Prime-boost vaccination with chimpanzee adenovirus and modified vaccinia Ankara encoding TRAP provides partial protection against Plasmodium falciparum infection in Kenyan adults. Science Translational Medicine, 2015, 7, 286re5. | 12.4 | 113 |
| 29 | Evaluation of the Efficacy of ChAd63-MVA Vectored Vaccines Expressing Circumsporozoite Protein and ME-TRAP Against Controlled Human Malaria Infection in Malaria-Naive Individuals. Journal of Infectious Diseases, 2015, 211, 1076-1086. | 4.0 | 110 |
| 30 | Thick blood film examination for Plasmodium falciparum malaria has reduced sensitivity and underestimates parasite density. Malaria Journal, 2006, 5, 104. | 2.3 | 101 |
| 31 | Defining Childhood Severe Falciparum Malaria for Intervention Studies. PLoS Medicine, 2007, 4, e251. | 8.4 | 101 |
| 32 | Analysis of Immunity to Febrile Malaria in Children That Distinguishes Immunity from Lack of Exposure. Infection and Immunity, 2009, 77, 1917-1923. | 2.2 | 98 |
| 33 | An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42. | 1.8 | 97 |
| 34 | Evaluating controlled human malaria infection in Kenyan adults with varying degrees of prior exposure to Plasmodium falciparum using sporozoites administered by intramuscular injection. Frontiers in Microbiology, 2014, 5, 686. | 3.5 | 95 |
| 35 | B Cell Memory to 3Plasmodium falciparumBloodâ€Stage Antigens in a Malariaâ€Endemic Area. Journal of Infectious Diseases, 2005, 191, 1623-1630. | 4.0 | 91 |
| 36 | A Phase 2a Randomized Study to Evaluate the Safety and Immunogenicity of the 1790GAHB Generalized Modules for Membrane Antigen Vaccine against Shigella sonnei Administered Intramuscularly to Adults from a Shigellosis-Endemic Country. Frontiers in Immunology, 2017, 8, 1884. | 4.8 | 91 |

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|---|---|---|---|
| 37 | Circumsporozoite-Specific T Cell Responses in Children Vaccinated with RTS,S/AS01E and Protection against P falciparum Clinical Malaria. PLoS ONE, 2011, 6, e25786. | 2.5 | 89 |
| 38 | The Induction and Persistence of T Cell IFN-Î³ Responses after Vaccination or Natural Exposure Is Suppressed byPlasmodium falciparum. Journal of Immunology, 2007, 179, 4193-4201. | 0.8 | 88 |
| 39 | Efficacy of RTS,S malaria vaccines: individual-participant pooled analysis of phase 2 data. Lancet Infectious Diseases, The, 2013, 13, 319-327. | 9.1 | 87 |
| 40 | Correlation of Memory T Cell Responses against TRAP with Protection from Clinical Malaria, and CD4+ CD25high T Cells with Susceptibility in Kenyans. PLoS ONE, 2008, 3, e2027. | 2.5 | 82 |
| 41 | Antigen-Specific IL-2 Secretion Correlates with NK Cell Responses after Immunization of Tanzanian Children with the RTS,S/AS01 Malaria Vaccine. Journal of Immunology, 2012, 188, 5054-5062. | 0.8 | 77 |
| 42 | Wind direction and proximity to larval sites determines malaria risk in Kilifi District in Kenya. Nature Communications, 2012, 3, 674. | 12.8 | 73 |
| 43 | Memory B cells are a more reliable archive for historical antimalarial responses than plasma antibodies in no-longer exposed children. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8247-8252. | 7.1 | 71 |
| 44 | A threshold concentration of anti-merozoite antibodies is required for protection from clinical episodes of malaria. Vaccine, 2013, 31, 3936-3942. | 3.8 | 71 |
| 45 | A framework for Controlled Human Infection Model (CHIM) studies in Malawi: Report of a Wellcome Trust workshop on CHIM in Low Income Countries held in Blantyre, Malawi. Wellcome Open Research, 2017, 2, 70. | 1.8 | 71 |
| 46 | Quantitative real-time polymerase chain reaction for malaria diagnosis and its use in malaria vaccine clinical trials. American Journal of Tropical Medicine and Hygiene, 2005, 73, 191-8. | 1.4 | 71 |
| 47 | Age, Spatial, and Temporal Variations in Hospital Admissions with Malaria in Kilifi County, Kenya: A 25-Year Longitudinal Observational Study. PLoS Medicine, 2016, 13, e1002047. | 8.4 | 68 |
| 48 | Changing Malaria Prevalence on the Kenyan Coast since 1974: Climate, Drugs and Vector Control. PLoS ONE, 2015, 10, e0128792. | 2.5 | 65 |
| 49 | Dose-dependent T-cell Dynamics and Cytokine Cascade Following rVSV-ZEBOV Immunization. EBioMedicine, 2017, 19, 107-118. | 6.1 | 64 |
| 50 | Safety and Immunogenicity of Heterologous Prime-Boost Immunisation with Plasmodium falciparum Malaria Candidate Vaccines, ChAd63 ME-TRAP and MVA ME-TRAP, in Healthy Gambian and Kenyan Adults. PLoS ONE, 2013, 8, e57726. | 2.5 | 64 |
| 51 | Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. Lancet Infectious Diseases, The, 2018, 18, 738-748. | 9.1 | 62 |
| 52 | COVID-19 transmission dynamics underlying epidemic waves in Kenya. Science, 2021, 374, 989-994. | 12.6 | 62 |
| 53 | Effect of the Pre-erythrocytic Candidate Malaria Vaccine RTS,S/AS01E on Blood Stage Immunity in Young Children. Journal of Infectious Diseases, 2011, 204, 9-18. | 4.0 | 60 |
| 54 | Extended Follow-Up Following a Phase 2b Randomized Trial of the Candidate Malaria Vaccines FP9 ME-TRAP and MVA ME-TRAP among Children in Kenya. PLoS ONE, 2007, 2, e707. | 2.5 | 57 |

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|---|---|---|---|
| 55 | An Unsupported Preference for Intravenous Antibiotics. PLoS Medicine, 2015, 12, e1001825. | 8.4 | 54 |
| 56 | First field efficacy trial of the ChAd63 MVA ME-TRAP vectored malaria vaccine candidate in 5-17 months old infants and children. PLoS ONE, 2018, 13, e0208328. | 2.5 | 53 |
| 57 | Fraction of all hospital admissions and deaths attributable to malnutrition among children in rural Kenya. American Journal of Clinical Nutrition, 2008, 88, 1626-1631. | 4.7 | 52 |
| 58 | Safety and Immunogenicity of ChAd63 and MVA ME-TRAP in West African Children and Infants. Molecular Therapy, 2016, 24, 1470-1477. | 8.2 | 52 |
| 59 | An open dataset of Plasmodium falciparum genome variation in 7,000 worldwide samples. Wellcome Open Research, 2021, 6, 42. | 1.8 | 51 |
| 60 | The Ratio of Monocytes to Lymphocytes in Peripheral Blood Correlates with Increased Susceptibility to Clinical Malaria in Kenyan Children. PLoS ONE, 2013, 8, e57320. | 2.5 | 49 |
| 61 | Translating the Immunogenicity of Prime-boost Immunization With ChAd63 and MVA ME-TRAP From Malaria Naive to Malaria-endemic Populations. Molecular Therapy, 2014, 22, 1992-2003. | 8.2 | 49 |
| 62 | Oral versus intravenous antibiotic treatment for bone and joint infections (OVIVA): study protocol for a randomised controlled trial. Trials, 2015, 16, 583. | 1.6 | 48 |
| 63 | Ethical considerations in Controlled Human Malaria Infection studies in low resource settings: Experiences and perceptions of study participants in a malaria Challenge study in Kenya. Wellcome Open Research, 2018, 3, 39. | 1.8 | 48 |
| 64 | Effect of transmission intensity on hotspots and micro-epidemiology of malaria in sub-Saharan Africa. BMC Medicine, 2017, 15, 121. | 5.5 | 47 |
| 65 | Estimating the burden of iron deficiency among African children. BMC Medicine, 2020, 18, 31. | 5.5 | 47 |
| 66 | Immunogenicity of the candidate malaria vaccines FP9 and modified vaccinia virus Ankara encoding the pre-erythrocytic antigen MEâ€“TRAP in 1â€“6 year old children in a malaria endemic area. Vaccine, 2006, 24, 4709-4715. | 3.8 | 46 |
| 67 | Safety, Immunogenicity and Efficacy of Prime-Boost Vaccination with ChAd63 and MVA Encoding ME-TRAP against Plasmodium falciparum Infection in Adults in Senegal. PLoS ONE, 2016, 11, e0167951. | 2.5 | 46 |
| 68 | Malaria hotspots defined by clinical malaria, asymptomatic carriage, PCR and vector numbers in a low transmission area on the Kenyan Coast. Malaria Journal, 2016, 15, 213. | 2.3 | 46 |
| 69 | Ethical considerations in Controlled Human Malaria Infection studies in low resource settings: Experiences and perceptions of study participants in a malaria Challenge study in Kenya. Wellcome Open Research, 2018, 3, 39. | 1.8 | 46 |
| 70 | A Statistical Interaction between Circumsporozoite Protein-Specific T Cell and Antibody Responses and Risk of Clinical Malaria Episodes following Vaccination with RTS,S/AS01E. PLoS ONE, 2012, 7, e52870. | 2.5 | 43 |
| 71 | A review of the frequencies of Plasmodium falciparum Kelch 13 artemisinin resistance mutations in Africa. International Journal for Parasitology: Drugs and Drug Resistance, 2021, 16, 155-161. | 3.4 | 42 |
| 72 | Safety Profile of the Viral Vectors of Attenuated Fowlpox Strain FP9 and Modified Vaccinia Virus Ankara Recombinant for Either of 2 Preerythrocytic Malaria Antigens, ME-TRAP or the Circumsporozoite Protein, in Children and Adults in Kenya. Clinical Infectious Diseases, 2006, 42, 1102-1110. | 5.8 | 41 |

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|---|---|---|---|
| 73 | Prolonged health worker strikes in Kenya- perspectives and experiences of frontline health managers and local communities in Kilifi County. International Journal for Equity in Health, 2020, 19, 23. | 3.5 | 41 |
| 74 | Temporal trends of SARS-CoV-2 seroprevalence during the first wave of the COVID-19 epidemic in Kenya. Nature Communications, 2021, 12, 3966. | 12.8 | 40 |
| 75 | Defining Clinical Malaria: The Specificity and Incidence of Endpoints from Active and Passive Surveillance of Children in Rural Kenya. PLoS ONE, 2010, 5, e15569. | 2.5 | 40 |
| 76 | Invasive Gram-negative bacilli are frequently resistant to standard antibiotics for children admitted to hospital in Kilifi, Kenya. Journal of Antimicrobial Chemotherapy, 2005, 56, 232-235. | 3.0 | 39 |
| 77 | Acute seizures attributable to falciparum malaria in an endemic area on the Kenyan coast. Brain, 2011, 134, 1519-1528. | 7.6 | 39 |
| 78 | Detecting Malaria Hotspots: A Comparison of Rapid Diagnostic Test, Microscopy, and Polymerase Chain Reaction. Journal of Infectious Diseases, 2017, 216, 1091-1098. | 4.0 | 39 |
| 79 | Estimating Individual Exposure to Malaria Using Local Prevalence of Malaria Infection in the Field. PLoS ONE, 2012, 7, e32929. | 2.5 | 38 |
| 80 | Iron Status and Associated Malaria Risk Among African Children. Clinical Infectious Diseases, 2019, 68, 1807-1814. | 5.8 | 38 |
| 81 | Repeated clinical malaria episodes are associated with modification of the immune system in children. BMC Medicine, 2019, 17, 60. | 5.5 | 37 |
| 82 | Ethical and scientific considerations on the establishment of a controlled human infection model for schistosomiasis in Uganda: report of a stakeholdersâ€™ meeting held in Entebbe, Uganda.. AAS Open Research, 2018, 1, 2. | 1.5 | 37 |
| 83 | Seroprevalence of Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2 Among Healthcare Workers in Kenya. Clinical Infectious Diseases, 2022, 74, 288-293. | 5.8 | 36 |
| 84 | Malaria is a cause of iron deficiency in African children. Nature Medicine, 2021, 27, 653-658. | 30.7 | 35 |
| 85 | Risk factors for recurrence after Staphylococcus aureus bacteraemia. A retrospective matched caseâ€“control study. Journal of Infection, 2009, 58, 411-416. | 3.3 | 34 |
| 86 | Malaria infection, disease and mortality among children and adults on the coast of Kenya. Malaria Journal, 2020, 19, 210. | 2.3 | 34 |
| 87 | Helminth Infection and Eosinophilia and the Risk of Plasmodium falciparum Malaria in 1- to 6-Year-Old Children in a Malaria Endemic Area. PLoS Neglected Tropical Diseases, 2008, 2, e164. | 3.0 | 34 |
| 88 | Serological Evidence of Discrete Spatial Clusters of Plasmodium falciparum Parasites. PLoS ONE, 2011, 6, e21711. | 2.5 | 34 |
| 89 | Observational study: 27Âyears of severe malaria surveillance in Kilifi, Kenya. BMC Medicine, 2019, 17, 124. | 5.5 | 33 |
| 90 | Effect of strikes by health workers on mortality between 2010 and 2016 in Kilifi, Kenya: a population-based cohort analysis. The Lancet Global Health, 2019, 7, e961-e967. | 6.3 | 33 |

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|---|---|---|---|
| 91 | Immunogenicity and safety of fractional doses of yellow fever vaccines: a randomised, double-blind, non-inferiority trial. Lancet, The, 2021, 397, 119-127. | 13.7 | 33 |
| 92 | Tracking the introduction and spread of SARS-CoV-2 in coastal Kenya. Nature Communications, 2021, 12, 4809. | 12.8 | 32 |
| 93 | Malaria infection and severe disease risks in Africa. Science, 2021, 373, 926-931. | 12.6 | 32 |
| 94 | Serial measurement of the C-reactive protein is a poor predictor of treatment outcome in prosthetic joint infection. Journal of Antimicrobial Chemotherapy, 2011, 66, 1590-1593. | 3.0 | 31 |
| 95 | Plasmodium falciparum Malaria in Children Aged 0-2 Years: The Role of Foetal Haemoglobin and Maternal Antibodies to Two Asexual Malaria Vaccine Candidates (MSP3 and GLURP). PLoS ONE, 2014, 9, e107965. | 2.5 | 30 |
| 96 | Lack of Avidity Maturation of Merozoite Antigen-Specific Antibodies with Increasing Exposure to Plasmodium falciparum amongst Children and Adults Exposed to Endemic Malaria in Kenya. PLoS ONE, 2012, 7, e52939. | 2.5 | 28 |
| 97 | Micro-epidemiological structuring of Plasmodium falciparum parasite populations in regions with varying transmission intensities in Africa. Wellcome Open Research, 2017, 2, 10. | 1.8 | 27 |
| 98 | A Genome Wide Association Study of Plasmodium falciparum Susceptibility to 22 Antimalarial Drugs in Kenya. PLoS ONE, 2014, 9, e96486. | 2.5 | 27 |
| 99 | Oral versus intravenous antibiotics for bone and joint infections: the OVIVA non-inferiority RCT. Health Technology Assessment, 2019, 23, 1-92. | 2.8 | 27 |
| 100 | Blood-stage challenge for malaria vaccine efficacy trials: a pilot study with discussion of safety and potential value. American Journal of Tropical Medicine and Hygiene, 2008, 78, 878-83. | 1.4 | 27 |
| 101 | Multiple functions of human T cells generated by experimental malaria challenge. European Journal of Immunology, 2009, 39, 3042-3051. | 2.9 | 26 |
| 102 | Malaria and Age Variably but Critically Control Hepcidin Throughout Childhood in Kenya. EBioMedicine, 2015, 2, 1478-1486. | 6.1 | 26 |
| 103 | KILchip v1.0: A Novel Plasmodium falciparum Merozoite Protein Microarray to Facilitate Malaria Vaccine Candidate Prioritization. Frontiers in Immunology, 2018, 9, 2866. | 4.8 | 26 |
| 104 | No Evidence of Plasmodium falciparum k13 Artemisinin Resistance-Conferring Mutations over a 24-Year Analysis in Coastal Kenya but a Near Complete Reversion to Chloroquine-Sensitive Parasites. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 3.2 | 26 |
| 105 | Avidity of Anti-Circumsporozoite Antibodies following Vaccination with RTS,S/AS01E in Young Children. PLoS ONE, 2014, 9, e115126. | 2.5 | 26 |
| 106 | Identifying children with excess malaria episodes after adjusting for variation in exposure: identification from a longitudinal study using statistical count models. BMC Medicine, 2015, 13, 183. | 5.5 | 25 |
| 107 | Proteomic analysis of extracellular vesicles from a Plasmodium falciparum Kenyan clinical isolate defines a core parasite secretome. Wellcome Open Research, 2017, 2, 50. | 1.8 | 25 |
| 108 | Proteomic analysis of extracellular vesicles from a Plasmodium falciparum Kenyan clinical isolate defines a core parasite secretome. Wellcome Open Research, 0, 2, 50. | 1.8 | 25 |

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|---|---|---|---|
| 109 | Ethical and scientific considerations on the establishment of a controlled human infection model for schistosomiasis in Uganda: report of a stakeholdersâ€™ meeting held in Entebbe, Uganda.. AAS Open Research, 2018, 1, 2. | 1.5 | 24 |
| 110 | Alternating vector immunizations encoding pre-erythrocytic malaria antigens enhance memory responses in a malaria endemic area. European Journal of Immunology, 2006, 36, 2264-2272. | 2.9 | 23 |
| 111 | Safety of the Malaria Vaccine Candidate, RTS,S/AS01E in 5 to 17 Month Old Kenyan and Tanzanian Children. PLoS ONE, 2010, 5, e14090. | 2.5 | 23 |
| 112 | Early Gamma Interferon and Interleukin-2 Responses to Vaccination Predict the Late Resting Memory in Malaria-Naiˆve and Malaria-Exposed Individuals. Infection and Immunity, 2006, 74, 6331-6338. | 2.2 | 22 |
| 113 | Improving statistical power in severe malaria genetic association studies by augmenting phenotypic precision. ELife, 2021, 10, . | 6.0 | 22 |
| 114 | Clearance of Asymptomatic P. falciparum Infections Interacts with the Number of Clones to Predict the Risk of Subsequent Malaria in Kenyan Children. PLoS ONE, 2011, 6, e16940. | 2.5 | 21 |
| 115 | The effect of declining exposure on T cell-mediated immunity to Plasmodium falciparum â€“ an epidemiological â€œnatural experimentâ€. BMC Medicine, 2016, 14, 143. | 5.5 | 20 |
| 116 | The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. Science Advances, 2019, 5, eaaw0109. | 10.3 | 20 |
| 117 | Arterolaneâ€“piperaquineâ€“mefloquine versus arterolaneâ€“piperaquine and artemetherâ€“lumefantrine in the treatment of uncomplicated Plasmodium falciparum malaria in Kenyan children: a single-centre, open-label, randomised, non-inferiority trial. Lancet Infectious Diseases, The, 2021, 21, 1395-1406. | 9.1 | 20 |
| 118 | Malaria exposure drives both cognate and bystander human B cells to adopt an atypical phenotype. European Journal of Immunology, 2020, 50, 1187-1194. | 2.9 | 19 |
| 119 | Trends in bednet ownership and usage, and the effect of bednets on malaria hospitalization in the Kilifi Health and Demographic Surveillance System (KHDSS): 2008â€“2015. BMC Infectious Diseases, 2017, 17, 720. | 2.9 | 17 |
| 120 | Evaluating the Performance of Malaria Genetics for Inferring Changes in Transmission Intensity Using Transmission Modeling. Molecular Biology and Evolution, 2021, 38, 274-289. | 8.9 | 17 |
| 121 | Pooled testing conserves SARS-CoV-2 laboratory resources and improves test turn-around time: experience on the Kenyan Coast. Wellcome Open Research, 2020, 5, 186. | 1.8 | 17 |
| 122 | Prevalence and predictors of vitamin D deficiency in young African children. BMC Medicine, 2021, 19, 115. | 5.5 | 17 |
| 123 | Interactions between Age and ITN Use Determine the Risk of Febrile Malaria in Children. PLoS ONE, 2009, 4, e8321. | 2.5 | 17 |
| 124 | Deliberately infecting healthy volunteers with malaria parasites: Perceptions and experiences of participants and other stakeholders in a Kenyanâ€based malaria infection study. Bioethics, 2020, 34, 819-832. | 1.4 | 16 |
| 125 | Feedback of Research Findings for Vaccine Trials: Experiences from Two Malaria Vaccine Trials Involving Healthy Children on the <scp>K</scp>enyan <scp>C</scp>oast. Developing World Bioethics, 2013, 13, 48-56. | 0.9 | 15 |
| 126 | Dynamics and role of antibodies to Plasmodium falciparum merozoite antigens in children living in two settings with differing malaria transmission intensity. Vaccine, 2016, 34, 160-166. | 3.8 | 15 |

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|---|---|---|---|
| 127 | Cost-effectiveness of oral versus intravenous antibiotics (OVIVA) in patients with bone and joint infection: evidence from a non-inferiority trial. Wellcome Open Research, 0, 4, 108. | 1.8 | 15 |
| 128 | Endemic chikungunya fever in Kenyan children: a prospective cohort study. BMC Infectious Diseases, 2021, 21, 186. | 2.9 | 14 |
| 129 | Geographic-genetic analysis of Plasmodium falciparum parasite populations from surveys of primary school children in Western Kenya. Wellcome Open Research, 2017, 2, 29. | 1.8 | 14 |
| 130 | Comparative performance of WANTAI ELISA for total immunoglobulin to receptor binding protein and an ELISA for IgG to spike protein in detecting SARS-CoV-2 antibodies in Kenyan populations. Journal of Clinical Virology, 2022, 146, 105061. | 3.1 | 14 |
| 131 | An optimisation of four SARS-CoV-2 qRT-PCR assays in a Kenyan laboratory to support the national COVID-19 rapid response teams. Wellcome Open Research, 2020, 5, 162. | 1.8 | 13 |
| 132 | Pooled testing conserves SARS-CoV-2 laboratory resources and improves test turn-around time: experience on the Kenyan Coast. Wellcome Open Research, 2020, 5, 186. | 1.8 | 13 |
| 133 | Anti-Severe Acute Respiratory Syndrome Coronavirus 2 Immunoglobulin G Antibody Seroprevalence Among Truck Drivers and Assistants in Kenya. Open Forum Infectious Diseases, 2021, 8, ofab314. | 0.9 | 12 |
| 134 | Variation in the effectiveness of insecticide treated nets against malaria and outdoor biting by vectors in Kilifi, Kenya. Wellcome Open Research, 2017, 2, 22. | 1.8 | 12 |
| 135 | Variation in the effectiveness of insecticide treated nets against malaria and outdoor biting by vectors in Kilifi, Kenya. Wellcome Open Research, 2017, 2, 22. | 1.8 | 12 |
| 136 | Epidemiology of COVID-19 infections on routine polymerase chain reaction (PCR) and serology testing in Coastal Kenya. Wellcome Open Research, 2022, 7, 69. | 1.8 | 12 |
| 137 | Malaria vaccines: past, present and future. Archives of Disease in Childhood, 2013, 98, 981-985. | 1.9 | 10 |
| 138 | Single low-dose primaquine for blocking transmission of Plasmodium falciparum malaria â€“ a proposed model-derived age-based regimen for sub-Saharan Africa. BMC Medicine, 2018, 16, 11. | 5.5 | 10 |
| 139 | Gametocyte carriage in an era of changing malaria epidemiology: A 19-year analysis of a malaria longitudinal cohort. Wellcome Open Research, 2019, 4, 66. | 1.8 | 10 |
| 140 | Geographic-genetic analysis of Plasmodium falciparum parasite populations from surveys of primary school children in Western Kenya. Wellcome Open Research, 0, 2, 29. | 1.8 | 10 |
| 141 | A seven-year study on the effect of the pre-erythrocytic malaria vaccine candidate RTS,S/AS01E on blood stage immunity in young Kenyan children. Wellcome Open Research, 2019, 4, 42. | 1.8 | 10 |
| 142 | Gametocyte carriage in an era of changing malaria epidemiology: A 19-year analysis of a malaria longitudinal cohort. Wellcome Open Research, 2019, 4, 66. | 1.8 | 10 |
| 143 | Congenital microcephaly unrelated to flavivirus exposure in coastal Kenya. Wellcome Open Research, 2019, 4, 179. | 1.8 | 10 |
| 144 | Characterization of Naturally Acquired Immunity to a Panel of Antigens Expressed in Mature P. falciparum Gametocytes. Frontiers in Cellular and Infection Microbiology, 2021, 11, 774537. | 3.9 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Vitamin D Deficiency and Its Association with Iron Deficiency in African Children. Nutrients, 2022, 14, 1372. | 4.1 | 10 |
| 146 | Seven-year kinetics of RTS, S/AS01-induced anti-CSP antibodies in young Kenyan children. Malaria Journal, 2021, 20, 452. | 2.3 | 10 |
| 147 | The relationship between facility-based malaria test positivity rate and community-based parasite prevalence. PLoS ONE, 2020, 15, e0240058. | 2.5 | 9 |
| 148 | Cost-effectiveness of oral versus intravenous antibiotics (OVIVA) in patients with bone and joint infection: evidence from a non-inferiority trial. Wellcome Open Research, 2019, 4, 108. | 1.8 | 9 |
| 149 | Quantitative PCR Evaluation of Cellular Immune Responses in Kenyan Children Vaccinated with a Candidate Malaria Vaccine. PLoS ONE, 2009, 4, e8434. | 2.5 | 8 |
| 150 | Immune Responses to Gametocyte Antigens in a Malaria Endemic Populationâ€"The African falciparum Context: A Systematic Review and Meta-Analysis. Frontiers in Immunology, 2019, 10, 2480. | 4.8 | 8 |
| 151 | Iron Deficiency Is Associated With Reduced Levels of Plasmodium falciparum-specific Antibodies in African Children. Clinical Infectious Diseases, 2020, 73, 43-49. | 5.8 | 8 |
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