

Anna FÃrnert

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,756
citations

126907

33
h-index

114465

63
g-index

95
all docs

95
docs citations

95
times ranked

9328
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020, 183, 158-168.e14. | 28.9 | 1,561 |
| 2 | Stable and Unstable Malaria Hotspots in Longitudinal Cohort Studies in Kenya. <i>PLoS Medicine</i> , 2010, 7, e1000304. | 8.4 | 221 |
| 3 | Daily Dynamics of <i>Plasmodium falciparum</i> Subpopulations in Asymptomatic Children in a Holoendemic Area. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 56, 538-547. | 1.4 | 189 |
| 4 | African origin of the malaria parasite <i>Plasmodium vivax</i> . <i>Nature Communications</i> , 2014, 5, 3346. | 12.8 | 167 |
| 5 | Complexity of <i>Plasmodium falciparum</i> Infections Is Consistent over Time and Protects against Clinical Disease in Tanzanian Children. <i>Journal of Infectious Diseases</i> , 1999, 179, 989-995. | 4.0 | 115 |
| 6 | Persistent transmission of <i>Plasmodium malariae</i> and <i>Plasmodium ovale</i> species in an area of declining <i>Plasmodium falciparum</i> transmission in eastern Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007414. | 3.0 | 94 |
| 7 | Increased circulation time of <i>Plasmodium falciparum</i> underlies persistent asymptomatic infection in the dry season. <i>Nature Medicine</i> , 2020, 26, 1929-1940. | 30.7 | 91 |
| 8 | Functional monocytic myeloid-derived suppressor cells increase in blood but not airways and predict COVID-19 severity. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 88 |
| 9 | Optimization and validation of multi-coloured capillary electrophoresis for genotyping of <i>Plasmodium falciparum</i> merozoite surface proteins (msp1 and 2). <i>Malaria Journal</i> , 2009, 8, 78. | 2.3 | 73 |
| 10 | Evidence of <i>Plasmodium falciparum</i> malaria resistant to atovaquone and proguanil hydrochloride: case reports. <i>BMJ: British Medical Journal</i> , 2003, 326, 628-629. | 2.3 | 71 |
| 11 | Multiclonal asymptomatic <i>Plasmodium falciparum</i> infections predict a reduced risk of malaria disease in a Tanzanian population. <i>Microbes and Infection</i> , 2007, 9, 103-110. | 1.9 | 66 |
| 12 | Treatment of Chronic Asymptomatic <i>Plasmodium falciparum</i> Infection Does Not Increase the Risk of Clinical Malaria Upon Reinfection. <i>Clinical Infectious Diseases</i> , 2017, 64, 645-653. | 5.8 | 65 |
| 13 | Elevated anti-malarial IgE in asymptomatic individuals is associated with reduced risk for subsequent clinical malaria. <i>International Journal for Parasitology</i> , 2004, 34, 935-942. | 3.1 | 63 |
| 14 | Breadth of Anti-Merozoite Antibody Responses Is Associated With the Genetic Diversity of Asymptomatic <i>Plasmodium falciparum</i> Infections and Protection Against Clinical Malaria. <i>Clinical Infectious Diseases</i> , 2013, 57, 1409-1416. | 5.8 | 61 |
| 15 | Long-lived <i>Plasmodium falciparum</i> specific memory B cells in naturally exposed Swedish travelers. <i>European Journal of Immunology</i> , 2013, 43, 2919-2929. | 2.9 | 61 |
| 16 | Genetic diversity of <i>Plasmodium falciparum</i> infections in mild and severe malaria of children from Kampala, Uganda. <i>Parasitology Research</i> , 2013, 112, 1691-1700. | 1.6 | 56 |
| 17 | Detection of Malaria Parasites After Treatment in Travelers: A 12-months Longitudinal Study and Statistical Modelling Analysis. <i>EBioMedicine</i> , 2017, 25, 66-72. | 6.1 | 53 |
| 18 | Parallel telomere shortening in multiple body tissues owing to malaria infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161184. | 2.6 | 52 |

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|----|--|-----|-----------|
| 19 | Antibody acquisition models: A new tool for serological surveillance of malaria transmission intensity. <i>Scientific Reports</i> , 2016, 6, 19472. | 3.3 | 52 |
| 20 | Influenza A Virus Infection Induces Hyperresponsiveness in Human Lung Tissue-Resident and Peripheral Blood NK Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1116. | 4.8 | 51 |
| 21 | High Affinity Antibodies to Plasmodium falciparum Merozoite Antigens Are Associated with Protection from Malaria. <i>PLoS ONE</i> , 2012, 7, e32242. | 2.5 | 49 |
| 22 | Population Pharmacokinetics and Pharmacodynamics of Artemether and Lumefantrine during Combination Treatment in Children with Uncomplicated Falciparum Malaria in Tanzania. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4780-4788. | 3.2 | 48 |
| 23 | Asymptomatic Multiclonal Plasmodium falciparum Infections Carried Through the Dry Season Predict Protection Against Subsequent Clinical Malaria. <i>Journal of Infectious Diseases</i> , 2015, 212, 608-616. | 4.0 | 48 |
| 24 | B cell profiling in malaria reveals expansion and remodeling of CD11c+ B cell subsets. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 48 |
| 25 | Antibody responses to merozoite antigens after natural Plasmodium falciparum infection: kinetics and longevity in absence of re-exposure. <i>BMC Medicine</i> , 2019, 17, 22. | 5.5 | 47 |
| 26 | Targets and Mechanisms Associated with Protection from Severe Plasmodium falciparum Malaria in Kenyan Children. <i>Infection and Immunity</i> , 2016, 84, 950-963. | 2.2 | 45 |
| 27 | Obesity and Diabetes as Risk Factors for Severe Plasmodium falciparum Malaria: Results From a Swedish Nationwide Study. <i>Clinical Infectious Diseases</i> , 2017, 65, 949-958. | 5.8 | 44 |
| 28 | Liver Injury in Uncomplicated Malaria is an Overlooked Phenomenon: An Observational Study. <i>EBioMedicine</i> , 2018, 36, 131-139. | 6.1 | 43 |
| 29 | Influence of Consecutive Day Blood Sampling on Polymerase Chain Reaction-Adjusted Parasitological Cure Rates in an Antimalarial Drug Trial Conducted in Tanzania. <i>Journal of Infectious Diseases</i> , 2007, 195, 597-601. | 4.0 | 42 |
| 30 | High Rate of Treatment Failures in Nonimmune Travelers Treated With Artemether-Lumefantrine for Uncomplicated Plasmodium falciparum Malaria in Sweden: Retrospective Comparative Analysis of Effectiveness and Case Series. <i>Clinical Infectious Diseases</i> , 2017, 64, 199-206. | 5.8 | 41 |
| 31 | Inhibition of merozoite invasion and transient de-sequestration by sevuparin in humans with Plasmodium falciparum malaria. <i>PLoS ONE</i> , 2017, 12, e0188754. | 2.5 | 41 |
| 32 | Cellular aging dynamics after acute malaria infection: A 12-month longitudinal study. <i>Aging Cell</i> , 2018, 17, e12702. | 6.7 | 38 |
| 33 | Transmission-Dependent Tolerance to Multiclonal Plasmodium falciparum Infection. <i>Journal of Infectious Diseases</i> , 2009, 200, 1166-1175. | 4.0 | 36 |
| 34 | Validation of automated sepsis surveillance based on the Sepsis-3 clinical criteria against physician record review in a general hospital population: observational study using electronic health records data. <i>BMJ Quality and Safety</i> , 2020, 29, 735-745. | 3.7 | 36 |
| 35 | Plasmodium falciparum population dynamics: only snapshots in time?. <i>Trends in Parasitology</i> , 2008, 24, 340-344. | 3.3 | 34 |
| 36 | Extensive dynamics of Plasmodium falciparum densities, stages and genotyping profiles. <i>Malaria Journal</i> , 2008, 7, 241. | 2.3 | 34 |

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|----|---|-----|-----------|
| 37 | In vitro recombination during PCR of Plasmodium falciparum DNA: a potential pitfall in molecular population genetic analysis. <i>Molecular and Biochemical Parasitology</i> , 2002, 122, 211-216. | 1.1 | 33 |
| 38 | Cerebrospinal fluid kynurenine and kynurenic acid concentrations are associated with coma duration and long-term neurocognitive impairment in Ugandan children with cerebral malaria. <i>Malaria Journal</i> , 2017, 16, 303. | 2.3 | 29 |
| 39 | Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. <i>Vaccine</i> , 2012, 30, 1583-1593. | 3.8 | 28 |
| 40 | Effect of pharmacogenetics on plasma lumefantrine pharmacokinetics and malaria treatment outcome in pregnant women. <i>Malaria Journal</i> , 2017, 16, 267. | 2.3 | 28 |
| 41 | Polyclonal Plasmodium falciparum malaria in travelers and selection of antifolate mutations after proguanil prophylaxis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 487-491. | 1.4 | 28 |
| 42 | Multiple clinical episodes of Plasmodium falciparum malaria in a low transmission intensity setting: exposure versus immunity. <i>BMC Medicine</i> , 2015, 13, 114. | 5.5 | 27 |
| 43 | Airway antibodies emerge according to COVID-19 severity and wane rapidly but reappear after SARS-CoV-2 vaccination. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 27 |
| 44 | Artemether+lumefantrine treatment failure despite adequate lumefantrine day 7 concentration in a traveller with Plasmodium falciparum malaria after returning from Tanzania. <i>Malaria Journal</i> , 2012, 11, 176. | 2.3 | 26 |
| 45 | KILchip v1.0: A Novel Plasmodium falciparum Merozoite Protein Microarray to Facilitate Malaria Vaccine Candidate Prioritization. <i>Frontiers in Immunology</i> , 2018, 9, 2866. | 4.8 | 26 |
| 46 | Erythrocytes Induce Vascular Dysfunction in COVID-19. <i>JACC Basic To Translational Science</i> , 2022, 7, 193-204. | 4.1 | 26 |
| 47 | Simple Real-Time PCR and Amplicon Sequencing Method for Identification of Plasmodium Species in Human Whole Blood. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2251-2257. | 3.9 | 25 |
| 48 | Understanding the Relationship Between Plasmodium falciparum Growth Rate and Multiplicity of Infection. <i>Journal of Infectious Diseases</i> , 2015, 211, 1121-1127. | 4.0 | 25 |
| 49 | Immunogenetic Control of Antibody Responsiveness in a Malaria Endemic Area. <i>Human Immunology</i> , 2007, 68, 165-169. | 2.4 | 24 |
| 50 | Multiplicity of Asymptomatic Plasmodium falciparum Infections and Risk of Clinical Malaria: A Systematic Review and Pooled Analysis of Individual Participant Data. <i>Journal of Infectious Diseases</i> , 2020, 221, 775-785. | 4.0 | 24 |
| 51 | Clinical phenotypes and outcomes of SARS-CoV-2, influenza, RSV and seven other respiratory viruses: a retrospective study using complete hospital data. <i>Thorax</i> , 2022, 77, 1-10. | 5.6 | 24 |
| 52 | Imported malaria in pregnant women: A retrospective pooled analysis. <i>Travel Medicine and Infectious Disease</i> , 2015, 13, 300-310. | 3.0 | 23 |
| 53 | HIGH FREQUENCY OF RECOMBINATION-DRIVEN ALLELIC DIVERSITY AND TEMPORAL VARIATION OF PLASMODIUM FALCIPARUM MSP1 IN TANZANIA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1037-1045. | 1.4 | 23 |
| 54 | Epidemiology of malaria in a village in the Rufiji River Delta, Tanzania: declining transmission over 25 years revealed by different parasitological metrics. <i>Malaria Journal</i> , 2014, 13, 459. | 2.3 | 22 |

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|----|--|------|-----------|
| 55 | An antigen-specific, four-color, B-cell FluoroSpot assay utilizing tagged antigens for detection. <i>Journal of Immunological Methods</i> , 2016, 433, 23-30. | 1.4 | 21 |
| 56 | The Malaria-Protective Human Glycophorin Structural Variant DUP4 Shows Somatic Mosaicism and Association with Hemoglobin Levels. <i>American Journal of Human Genetics</i> , 2018, 103, 769-776. | 6.2 | 21 |
| 57 | Clearance of Asymptomatic <i>P. falciparum</i> Infections Interacts with the Number of Clones to Predict the Risk of Subsequent Malaria in Kenyan Children. <i>PLoS ONE</i> , 2011, 6, e16940. | 2.5 | 21 |
| 58 | Cord blood IgG and the risk of severe <i>Plasmodium falciparum</i> malaria in the first year of life. <i>International Journal for Parasitology</i> , 2017, 47, 153-162. | 3.1 | 19 |
| 59 | Delayed Onset of Symptoms and Atovaquone-Proguanil Chemoprophylaxis Breakthrough by <i>Plasmodium malariae</i> in the Absence of Mutation at Codon 268 of <i>pmcytb</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004068. | 3.0 | 19 |
| 60 | Shedding of infectious SARS-CoV-2 by hospitalized COVID-19 patients in relation to serum antibody responses. <i>BMC Infectious Diseases</i> , 2021, 21, 494. | 2.9 | 16 |
| 61 | Influences of Intermittent Preventive Treatment and Persistent Multiclonal <i>Plasmodium falciparum</i> Infections on Clinical Malaria Risk. <i>PLoS ONE</i> , 2010, 5, e13649. | 2.5 | 15 |
| 62 | Genetics of susceptibility to malaria related phenotypes. <i>Infection, Genetics and Evolution</i> , 2009, 9, 97-103. | 2.3 | 14 |
| 63 | <i>Plasmodium falciparum</i> Line-Dependent Association of <i>In Vitro</i> Growth-Inhibitory Activity and Risk of Malaria. <i>Infection and Immunity</i> , 2012, 80, 1900-1908. | 2.2 | 14 |
| 64 | Cutaneous, mucocutaneous and visceral leishmaniasis in Sweden from 1996–2016: a retrospective study of clinical characteristics, treatments and outcomes. <i>BMC Infectious Diseases</i> , 2018, 18, 632. | 2.9 | 14 |
| 65 | Multiplex analysis of antigen-specific memory B cells in humans using reversed B-cell FluoroSpot. <i>Journal of Immunological Methods</i> , 2020, 478, 112715. | 1.4 | 14 |
| 66 | Effectiveness of Sulfadoxine–Pyrimethamine for Intermittent Preventive Treatment of Malaria and Adverse Birth Outcomes in Pregnant Women. <i>Pathogens</i> , 2020, 9, 207. | 2.8 | 14 |
| 67 | Pregnancy and <i>CYP3A5</i> Genotype Affect Day 7 Plasma Lumefantrine Concentrations. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1415-1424. | 3.3 | 13 |
| 68 | LIMITED ADVANTAGE OF MULTIPLE CONSECUTIVE SAMPLES FOR GENOTYPING <i>PLASMODIUM FALCIPARUM</i> POPULATIONS DURING THE FIRST DAYS OF TREATMENT. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 204-206. | 1.4 | 13 |
| 69 | Flt3 ligand expands bona fide innate lymphoid cell precursors in vivo. <i>Scientific Reports</i> , 2018, 8, 154. | 3.3 | 12 |
| 70 | A panel of recombinant proteins from human-infective <i>Plasmodium</i> species for serological surveillance. <i>Malaria Journal</i> , 2020, 19, 31. | 2.3 | 12 |
| 71 | High frequency of recombination-driven allelic diversity and temporal variation of <i>Plasmodium falciparum</i> <i>msp1</i> in Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1037-45. | 1.4 | 12 |
| 72 | Distinct kinetics of antibodies to 111 <i>Plasmodium falciparum</i> proteins identifies markers of recent malaria exposure. <i>Nature Communications</i> , 2022, 13, 331. | 12.8 | 10 |

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|----|--|-----|-----------|
| 73 | Systems analysis shows a role of cytophilic antibodies in shaping innate tolerance to malaria. <i>Cell Reports</i> , 2022, 39, 110709. | 6.4 | 10 |
| 74 | Malaria in Eritrean migrants newly arrived in seven European countries, 2011 to 2016. <i>Eurosurveillance</i> , 2019, 24, . | 7.0 | 9 |
| 75 | Plasmodium falciparum Infection Patterns Since Birth and Risk of Severe Malaria: A Nested Case-Control Study in Children on the Coast of Kenya. <i>PLoS ONE</i> , 2013, 8, e56032. | 2.5 | 8 |
| 76 | Malaria and risk of lymphoid neoplasms and other cancer: a nationwide population-based cohort study. <i>BMC Medicine</i> , 2020, 18, 296. | 5.5 | 7 |
| 77 | Enhanced virulence of Plasmodium falciparum in blood of diabetic patients. <i>PLoS ONE</i> , 2021, 16, e0249666. | 2.5 | 7 |
| 78 | Relapse of <i>Plasmodium vivax</i> and <i>Plasmodium ovale</i> Malaria With and Without Primaquine Treatment in a Nonendemic Area. <i>Clinical Infectious Diseases</i> , 2022, 74, 1199-1207. | 5.8 | 7 |
| 79 | Memory B-Cell Responses Against Merozoite Antigens After Acute Plasmodium falciparum Malaria, Assessed Over One Year Using a Novel Multiplexed FluoroSpot Assay. <i>Frontiers in Immunology</i> , 2020, 11, 619398. | 4.8 | 6 |
| 80 | Oil-fortified Maize Porridge Increases Absorption of Lumefantrine in Children with Uncomplicated Falciparum Malaria. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 457-465. | 2.5 | 5 |
| 81 | Profiles of Plasmodium falciparum infections detected by microscopy through the first year of life in Kintampo a high transmission area of Ghana. <i>PLoS ONE</i> , 2020, 15, e0240814. | 2.5 | 5 |
| 82 | Biomarkers of cellular aging during a controlled human malaria infection. <i>Scientific Reports</i> , 2021, 11, 18733. | 3.3 | 4 |
| 83 | Limited advantage of multiple consecutive samples for genotyping Plasmodium falciparum populations during the first days of treatment. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 204-6. | 1.4 | 4 |
| 84 | Plasmodium falciparum-Specific Memory B-Cell and Antibody Responses Are Associated With Immunity in Children Living in an Endemic Area of Kenya. <i>Frontiers in Immunology</i> , 2022, 13, 799306. | 4.8 | 3 |
| 85 | SARS-CoV-2 testing in patients with low COVID-19 suspicion at admission to a tertiary care hospital, Stockholm, Sweden, March to September 2020. <i>Eurosurveillance</i> , 2022, 27, . | 7.0 | 2 |
| 86 | Urothelial cell senescence is not linked with telomere shortening. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1518-1527. | 2.7 | 1 |
| 87 | Stabilization of blood for long-term storage can affect antibody-based recognition of cell surface markers. <i>Journal of Immunological Methods</i> , 2020, 481-482, 112792. | 1.4 | 1 |
| 88 | The accuracy of fully automated algorithms for surveillance of healthcare-onset <i>Clostridioides difficile</i> infections in hospitalized patients. <i>Antimicrobial Stewardship & Healthcare Epidemiology</i> , 2022, 2, . | 0.5 | 0 |