

# Patrick E Duffy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165 papers	4,767 citations	40 h-index	64 g-index
221 ext. papers	6,131 ext. citations	8.3 avg, IF	5.65 L-index

#	Paper	IF	Citations
165	A single full-length VAR2CSA ectodomain variant purifies broadly neutralizing antibodies against placental malaria isolates.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
164	SARS-CoV-2 Cross-Reactivity in Prepandemic Serum from Rural Malaria-Infected Persons, Cambodia.. <i>Emerging Infectious Diseases</i> , <b>2022</b> , 28, 440-444	10.2	1
163	Effect of three yearsSseasonal malaria chemoprevention on molecular markers of resistance of Plasmodium falciparum to sulfadoxine-pyrimethamine and amodiaquine in Ouelesseboungou, Mali.. <i>Malaria Journal</i> , <b>2022</b> , 21, 39	3.6	0
162	Allelic variants of full-length VAR2CSA, the placental malaria vaccine candidate, differ in antigenicity and receptor binding affinity. <i>Communications Biology</i> , <b>2021</b> , 4, 1309	6.7	3
161	Safety and efficacy of a three-dose regimen of Plasmodium falciparum sporozoite vaccine in adults during an intense malaria transmission season in Mali: a randomised, controlled phase 1 trial. <i>Lancet Infectious Diseases</i> , <b>2021</b> ,	25.5	6
160	SARS-CoV-2 seroassay performance and optimization in a population with high background reactivity in Mali. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	7
159	Characterization of AMA1-RON2L complex with native gel electrophoresis and capillary isoelectric focusing. <i>Electrophoresis</i> , <b>2021</b> ,	3.6	1
158	SARS-CoV-2 seroassay optimization and performance in a population with high background reactivity in Mali <b>2021</b> ,		3
157	A novel fluorescence and DNA combination for versatile, long-term marking of mosquitoes. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 1008-1016	7.7	1
156	Fetal Cytokine Balance, Erythropoietin and Thalassemia but Not Placental Malaria Contribute to Fetal Anemia Risk in Tanzania. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 624136	8.4	1
155	IFN- $\gamma$ is associated with increased risk and earlier occurrence of several common infections in African children. <i>Genes and Immunity</i> , <b>2021</b> , 22, 44-55	4.4	2
154	Pfs230 yields higher malaria transmission-blocking vaccine activity than Pfs25 in humans but not mice. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	12
153	Malaria Infection Is Common and Associated With Perinatal Mortality and Preterm Delivery Despite Widespread Use of Chemoprevention in Mali: An Observational Study 2010 to 2014. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 1355-1361	11.6	1
152	Rapidly increasing SARS-CoV-2 seroprevalence and limited clinical disease in three Malian communities: a prospective cohort study <b>2021</b> ,		1
151	Antibody Levels to Plasmodium falciparum Erythrocyte Membrane Protein 1-DBL $\alpha$ 1 and DBL $\alpha$ 1 Predict Reduction in Parasite Density. <i>MSystems</i> , <b>2021</b> , 6, e0034721	7.6	1
150	Rapidly increasing SARS-CoV-2 seroprevalence and limited clinical disease in three Malian communities: a prospective cohort study. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	5
149	Two chemoattenuated PfSPZ malaria vaccines induce sterile hepatic immunity. <i>Nature</i> , <b>2021</b> , 595, 289-294	34.4	12

148	Effect of 4 years of seasonal malaria chemoprevention on the acquisition of antibodies to Plasmodium falciparum antigens in Ouelessebougou, Mali. <i>Malaria Journal</i> , <b>2021</b> , 20, 23	3.6	
147	Transmission-Blocking Vaccines: Harnessing Herd Immunity for Malaria Elimination. <i>Expert Review of Vaccines</i> , <b>2021</b> , 20, 185-198	5.2	7
146	Malaria is a cause of iron deficiency in African children. <i>Nature Medicine</i> , <b>2021</b> , 27, 653-658	50.5	8
145	A human monoclonal antibody blocks malaria transmission and defines a highly conserved neutralizing epitope on gametes. <i>Nature Communications</i> , <b>2021</b> , 12, 1750	17.4	10
144	Preerythrocytic Vaccine Antigens Enhance Sterile Protection in Mice Induced by Circumsporozoite Protein. <i>Infection and Immunity</i> , <b>2021</b> , 89, e0016521	3.7	2
143	Material strategies and considerations for serologic testing of global infectious diseases. <i>MRS Bulletin</i> , <b>2021</b> , 1-5	3.2	2
142	Can complement fix placental malaria?. <i>BMC Medicine</i> , <b>2021</b> , 19, 231	11.4	
141	Pre-pandemic SARS-CoV-2 serological reactivity in rural malaria-experienced Cambodians <b>2021</b> ,		1
140	Structural basis for placental malaria mediated by Plasmodium falciparum VAR2CSA. <i>Nature Microbiology</i> , <b>2021</b> , 6, 380-391	26.6	15
139	Malaria transmission-blocking conjugate vaccine in ALFQ adjuvant induces durable functional immune responses in rhesus macaques. <i>Npj Vaccines</i> , <b>2021</b> , 6, 148	9.5	1
138	PFSPZ Vaccine learns a lesson.. <i>Med</i> , <b>2021</b> , 2, 1289-1291	31.7	
137	Malaria vaccines since 2000: progress, priorities, products. <i>Npj Vaccines</i> , <b>2020</b> , 5, 48	9.5	55
136	Adverse pregnancy outcomes among women presenting at antenatal clinics in OuellesBougou, Mali. <i>Reproductive Health</i> , <b>2020</b> , 17, 39	3.5	3
135	Impact of seasonal malaria chemoprevention on hospital admissions and mortality in children under 5 years of age in Ouelessebougou, Mali. <i>Malaria Journal</i> , <b>2020</b> , 19, 103	3.6	10
134	Comparison of carrier proteins to conjugate malaria transmission blocking vaccine antigens, Pfs25 and Pfs230. <i>Vaccine</i> , <b>2020</b> , 38, 5480-5489	4.1	8
133	Antimalarial antibody repertoire defined by plasma IG proteomics and single B cell IG sequencing. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	3
132	Dynamics and Outcomes of Infections in () Thicket Rats versus Inbred Mice. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 1893-1901	3.2	1
131	Unwanted Feedback: Malaria Antibodies Hinder Vaccine Boosting. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 504-506	5.4	1

130	Antibody Therapy Goes to Insects: Monoclonal Antibodies Can Block Plasmodium Transmission to Mosquitoes. <i>Trends in Parasitology</i> , <b>2020</b> , 36, 880-883	6.4	3
129	CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008230	7.6	14
128	Structure and function of a malaria transmission blocking vaccine targeting Pfs230 and Pfs230-Pfs48/45 proteins. <i>Communications Biology</i> , <b>2020</b> , 3, 395	6.7	14
127	Ultra-sensitive RDT performance and antigen dynamics in a high-transmission Plasmodium falciparum setting in Mali. <i>Malaria Journal</i> , <b>2020</b> , 19, 323	3.6	3
126	Effect of Seasonal Malaria Chemoprevention on Immune Markers of Exhaustion and Regulation. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, 138-145	7	1
125	Chemoprophylaxis Vaccination: Phase I Study to Explore Stage-specific Immunity to Plasmodium falciparum in US Adults. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 1481-1490	11.6	4
124	Anti-PfGARP activates programmed cell death of parasites and reduces severe malaria. <i>Nature</i> , <b>2020</b> , 582, 104-108	50.4	23
123	Proteomics Pipeline for Identifying Variant Proteins in Parasites Isolated from Children Presenting with Malaria. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3831-3839	5.6	3
122	Chronic helminth infection does not impair immune response to malaria transmission blocking vaccine Pfs230D1-EPA/Alhydrogel $\square$ in mice. <i>Vaccine</i> , <b>2019</b> , 37, 1038-1045	4.1	6
121	Transmission-Blocking Vaccines for Malaria: Time to Talk about Vaccine Introduction. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 483-486	6.4	16
120	Longitudinal analysis of gamma delta T cell subsets during malaria infections in Malian adults. <i>Malaria Journal</i> , <b>2019</b> , 18, 69	3.6	4
119	Functional Antibodies against Placental Malaria Parasites Are Variant Dependent and Differ by Geographic Region. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	12
118	Age-dependent increase in antibodies that inhibit Plasmodium falciparum adhesion to a subset of endothelial receptors. <i>Malaria Journal</i> , <b>2019</b> , 18, 128	3.6	2
117	Impact of maternally derived antibodies to Plasmodium falciparum Schizont Egress Antigen-1 on the endogenous production of anti-PfSEA-1 in offspring. <i>Vaccine</i> , <b>2019</b> , 37, 5044-5050	4.1	2
116	"Spatial heterogeneity of environmental risk in randomized prevention trials: consequences and modeling". <i>BMC Medical Research Methodology</i> , <b>2019</b> , 19, 149	4.7	2
115	Outer membrane protein complex as a carrier for malaria transmission blocking antigen Pfs230. <i>Npj Vaccines</i> , <b>2019</b> , 4, 24	9.5	18
114	Integrating Scientific English into Biological Sciences PhD Programs in Developing Countries: Strategies from Trainees and Mentor. <i>Education Research International</i> , <b>2019</b> , 2019,	1.2	1
113	Structure Solves the Problem with Malaria Merozoite Vaccines. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 855-857	6.4	1

112	Immunity to Severe Malaria: PfEMP1 Tags Tell a Tale. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 571-573	23.4	
111	Naturally Acquired Antibody Response to Malaria Transmission Blocking Vaccine Candidate Pvs230 Domain 1. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2295	8.4	3
110	Beyond Blood Smears: Qualification of 18S rRNA as a Biomarker for Controlled Human Malaria Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2019</b> , 100, 1466-1476	3.2	21
109	A primate model of severe malarial anaemia: a comparative pathogenesis study. <i>Scientific Reports</i> , <b>2019</b> , 9, 18965	4.9	3
108	Placental malaria vaccine candidate antigen VAR2CSA displays atypical domain architecture in some strains. <i>Communications Biology</i> , <b>2019</b> , 2, 457	6.7	15
107	Maternally-derived Antibodies to Schizont Egress Antigen-1 and Protection of Infants From Severe Malaria. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 1718-1724	11.6	12
106	Malaria vaccine trials in pregnant women: An imperative without precedent. <i>Vaccine</i> , <b>2019</b> , 37, 763-770	4.1	11
105	Assessment of the impact of manufacturing changes on the physicochemical properties of the recombinant vaccine carrier ExoProtein A. <i>Vaccine</i> , <b>2019</b> , 37, 5762-5769	4.1	6
104	Development of a bivalent conjugate vaccine candidate against malaria transmission and typhoid fever. <i>Vaccine</i> , <b>2018</b> , 36, 2978-2984	4.1	6
103	Antibody levels to recombinant VAR2CSA domains vary with Plasmodium falciparum parasitaemia, gestational age, and gravidity, but do not predict pregnancy outcomes. <i>Malaria Journal</i> , <b>2018</b> , 17, 106	3.6	14
102	Safety and immunogenicity of PfS25H-EPA/Alhydrogel, a transmission-blocking vaccine against Plasmodium falciparum: a randomised, double-blind, comparator-controlled, dose-escalation study in healthy Malian adults. <i>Lancet Infectious Diseases</i> , <b>2018</b> , 18, 969-982	25.5	60
101	Antibodies to PfEGXP, an Early Gametocyte-Enriched Phosphoprotein, Predict Decreased Plasmodium falciparum Gametocyte Density in Humans. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, 1792-1801	7.01	5
100	The Effect of Plasmodium on the Outcome of Ebola Virus Infection in a Mouse Model. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, S434-S437	7	2
99	Optimal mode for delivery of seasonal malaria chemoprevention in Ouelessebouyou, Mali: A cluster randomized trial. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193296	3.7	10
98	TLR-adjuvanted nanoparticle vaccines differentially influence the quality and longevity of responses to malaria antigen Pfs25. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	46
97	Seroepidemiology of helminths and the association with severe malaria among infants and young children in Tanzania. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006345	4.8	5
96	Response to Comment on "T Cells Are Required for the Induction of Sterile Immunity during Irradiated Sporozoite Vaccinations". <i>Journal of Immunology</i> , <b>2018</b> , 200, 1533-1534	5.3	2
95	Prevalence of Asymptomatic Parasitemia and Gametocytemia in HIV-Infected Children on Differing Antiretroviral Therapy. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 98, 67-70	3.2	2

94	Author response: NK cells inhibit Plasmodium falciparum growth in red blood cells via antibody-dependent cellular cytotoxicity <b>2018</b> ,		3
93	Malaria Transmission-Blocking Vaccines: Present Status and Future Perspectives <b>2018</b> ,		9
92	NK cells inhibit growth in red blood cells via antibody-dependent cellular cytotoxicity. <i>ELife</i> , <b>2018</b> , 7,	8.9	53
91	Adjuvant and carrier protein-dependent T-cell priming promotes a robust antibody response against the Plasmodium falciparum Pfs25 vaccine candidate. <i>Scientific Reports</i> , <b>2017</b> , 7, 40312	4.9	42
90	, the Natural Host for Parasites, as a Model to Study Whole-Organism Vaccines Against Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 835-841	3.2	8
89	Safety and efficacy of PfSPZ Vaccine against Plasmodium falciparum via direct venous inoculation in healthy malaria-exposed adults in Mali: a randomised, double-blind phase 1 trial. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 498-509	25.5	163
88	Malaria during Pregnancy. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2017</b> , 7,	5.4	66
87	Antibody-independent mechanisms regulate the establishment of chronic Plasmodium infection. <i>Nature Microbiology</i> , <b>2017</b> , 2, 16276	26.6	35
86	Identification of Protective B-Cell Epitopes within the Novel Malaria Vaccine Candidate Plasmodium falciparum Schizont Egress Antigen 1. <i>Vaccine Journal</i> , <b>2017</b> , 24,		11
85	A malaria vaccine protects monkeys against virulent infection. <i>Npj Vaccines</i> , <b>2017</b> , 2,	9.5	30
84	Maternal Microchimerism Predicts Increased Infection but Decreased Disease due to Plasmodium falciparum During Early Childhood. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 1445-1451	7	18
83	Host factors that modify Plasmodium falciparum adhesion to endothelial receptors. <i>Scientific Reports</i> , <b>2017</b> , 7, 13872	4.9	12
82	Hemoglobin variants shape the distribution of malaria parasites in human populations and their transmission potential. <i>Scientific Reports</i> , <b>2017</b> , 7, 14267	4.9	14
81	T Cells Are Required for the Induction of Sterile Immunity during Irradiated Sporozoite Vaccinations. <i>Journal of Immunology</i> , <b>2017</b> , 199, 3781-3788	5.3	49
80	Effect of seasonal malaria chemoprevention on the acquisition of antibodies to Plasmodium falciparum antigens in Ouelessebougou, Mali. <i>Malaria Journal</i> , <b>2017</b> , 16, 289	3.6	7
79	Role of Activins in Hepcidin Regulation during Malaria. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	13
78	Systemic Inflammatory Response to Malaria During Pregnancy Is Associated With Pregnancy Loss and Preterm Delivery. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 1729-1735	11.6	29
77	Advances in malaria vaccine development: report from the 2017 malaria vaccine symposium. <i>Npj Vaccines</i> , <b>2017</b> , 2, 34	9.5	49

76	Trimethoprim-Sulfamethoxazole Prophylaxis During Live Malaria Sporozoite Immunization Induces Long-Lived, Homologous, and Heterologous Protective Immunity Against Sporozoite Challenge. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 122-130	7	6
75	Malaria in pregnancy: the relevance of animal models for vaccine development. <i>Lab Animal</i> , <b>2017</b> , 46, 388-398	0.4	6
74	ATP-degrading ENPP1 is required for survival (or persistence) of long-lived plasma cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 17867	4.9	16
73	Protein-protein conjugate nanoparticles for malaria antigen delivery and enhanced immunogenicity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0190312	3.7	23
72	Malaria Infection and Gametocyte Carriage Rates in Preparation for Transmission Blocking Vaccine Trials in Bancoumana, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 183-187	3.2	2
71	A Malaria-Resistant Phenotype with Immunological Correlates in a Tanzanian Birth Cohort Exposed to Intense Malaria Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 1190-1196	3.2	3
70	Optimizing Direct Membrane and Direct Skin Feeding Assays for Transmission-Blocking Vaccine Trials in Bancoumana, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 719-725	3.2	4
69	Accelerated and long term stability study of Pfs25-EPA conjugates adjuvanted with Alhydrogel <sup>®</sup> . <i>Vaccine</i> , <b>2017</b> , 35, 3232-3238	4.1	2
68	Structural and Immunological Characterization of Recombinant 6-Cysteine Domains of the Plasmodium falciparum Sexual Stage Protein Pfs230. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19913-22	5.4	58
67	Utilizing direct skin feeding assays for development of vaccines that interrupt malaria transmission: A systematic review of methods and case study. <i>Vaccine</i> , <b>2016</b> , 34, 5863-5870	4.1	8
66	Expanding the antimalarial toolkit: Targeting host-parasite interactions. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 143-53	16.6	18
65	Preparing for future efficacy trials of severe malaria vaccines. <i>Vaccine</i> , <b>2016</b> , 34, 1865-7	4.1	1
64	A Method for Producing Protein Nanoparticles with Applications in Vaccines. <i>PLoS ONE</i> , <b>2016</b> , 11, e0138361	3.6	16
63	Identification of Novel Pre-Erythrocytic Malaria Antigen Candidates for Combination Vaccines with Circumsporozoite Protein. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159449	3.7	11
62	Safety and Immunogenicity of Pfs25-EPA/Alhydrogel <sup>®</sup> , a Transmission Blocking Vaccine against Plasmodium falciparum: An Open Label Study in Malaria Naïve Adults. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163144	3.7	78
61	Heterologous Infection of Pregnant Mice Induces Low Birth Weight and Modifies Offspring Susceptibility to Malaria. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160120	3.7	6
60	Malaria in HIV-Infected Children Receiving HIV Protease-Inhibitor- Compared with Non-Nucleoside Reverse Transcriptase Inhibitor-Based Antiretroviral Therapy, IMPAACT P1068s, Substudy to P1060. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165140	3.7	10
59	Clinical development of placental malaria vaccines and immunoassays harmonization: a workshop report. <i>Malaria Journal</i> , <b>2016</b> , 15, 476	3.6	27



58 Malaria pathogenesis **2016**, 427-464

57 VAR2CSA Domain-Specific Analysis of Naturally Acquired Functional Antibodies to Plasmodium falciparum Placental Malaria. *Journal of Infectious Diseases*, **2016**, 214, 577-86 7 23

56 Cord Blood Hepcidin: Cross-Sectional Correlates and Associations with Anemia, Malaria, and Mortality in a Tanzanian Birth Cohort Study. *American Journal of Tropical Medicine and Hygiene*, **2016**, 95, 817-826 3.2 7

55 Fetal origins of malarial disease: cord blood cytokines as risk markers for pediatric severe malarial anemia. *Journal of Infectious Diseases*, **2015**, 211, 436-44 7 9

54 Reversible Conformational Change in the Plasmodium falciparum Circumsporozoite Protein Masks Its Adhesion Domains. *Infection and Immunity*, **2015**, 83, 3771-80 3.7 35

53 Prevalence of Plasmodium falciparum anti-malarial resistance-associated polymorphisms in pfcr1, pfmdr1 and pfnhe1 in Muheza, Tanzania, prior to introduction of artemisinin combination therapy. *Malaria Journal*, **2015**, 14, 129 3.6 12

52 Chloroquine neither eliminates liver stage parasites nor delays their development in a murine Chemoprophylaxis Vaccination model. *Frontiers in Microbiology*, **2015**, 6, 283 5.7 8

51 Designing a VAR2CSA-based vaccine to prevent placental malaria. *Vaccine*, **2015**, 33, 7483-8 4.1 49

50 Progress with Plasmodium falciparum sporozoite (PfSPZ)-based malaria vaccines. *Vaccine*, **2015**, 33, 7452-61 4.6 106

49 Evaluation of Pregnancy Malaria Vaccine Candidates: The Binding Inhibition Assay. *Methods in Molecular Biology*, **2015**, 1325, 231-9 1.4 6

48 The march toward malaria vaccines. *Vaccine*, **2015**, 33 Suppl 4, D13-23 4.1 77

47 The March Toward Malaria Vaccines. *American Journal of Preventive Medicine*, **2015**, 49, S319-33 6.1 56

46 High-throughput screening platform identifies small molecules that prevent sequestration of Plasmodium falciparum-infected erythrocytes. *Journal of Infectious Diseases*, **2015**, 211, 1134-43 7 10

45 Bacteremia and malaria in Tanzanian children hospitalized for acute febrile illness. *Journal of Tropical Pediatrics*, **2015**, 61, 81-5 1.2 13

44 Antibodies to PfSEA-1 block parasite egress from RBCs and protect against malaria infection. *Science*, **2014**, 344, 871-7 33.3 78

43 HIV treatments reduce malaria liver stage burden in a non-human primate model of malaria infection at clinically relevant concentrations in vivo. *PLoS ONE*, **2014**, 9, e100138 3.7 9

42 Safety and comparability of controlled human Plasmodium falciparum infection by mosquito bite in malaria-naïve subjects at a new facility for sporozoite challenge. *PLoS ONE*, **2014**, 9, e109654 3.7 17

41 Neither the HIV protease inhibitor lopinavir-ritonavir nor the antimicrobial trimethoprim-sulfamethoxazole prevent malaria relapse in plasmodium cynomolgi-infected non-human primates. *PLoS ONE*, **2014**, 9, e115506 3.7 3



40	Iron, anemia and hepcidin in malaria. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 125	5.6	71
39	Parasite burden and severity of malaria in Tanzanian children. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1799-808	59.2	91
38	Antibodies to Escherichia coli-expressed C-terminal domains of Plasmodium falciparum variant surface antigen 2-chondroitin sulfate A (VAR2CSA) inhibit binding of CSA-adherent parasites to placental tissue. <i>Infection and Immunity</i> , <b>2013</b> , 81, 1031-9	3.7	10
37	Multilaboratory approach to preclinical evaluation of vaccine immunogens for placental malaria. <i>Infection and Immunity</i> , <b>2013</b> , 81, 487-95	3.7	30
36	Identification of VAR2CSA domain-specific inhibitory antibodies of the Plasmodium falciparum erythrocyte membrane protein 1 using a novel flow cytometry assay. <i>Vaccine Journal</i> , <b>2013</b> , 20, 433-42		15
35	Intermittent preventive treatment in pregnant women is associated with increased risk of severe malaria in their offspring. <i>PLoS ONE</i> , <b>2013</b> , 8, e56183	3.7	30
34	Cytokine profiles at birth predict malaria severity during infancy. <i>PLoS ONE</i> , <b>2013</b> , 8, e77214	3.7	17
33	Pre-erythrocytic malaria vaccines: identifying the targets. <i>Expert Review of Vaccines</i> , <b>2012</b> , 11, 1261-80	5.2	60
32	A plasma survey using 38 PfEMP1 domains reveals frequent recognition of the Plasmodium falciparum antigen VAR2CSA among young Tanzanian children. <i>PLoS ONE</i> , <b>2012</b> , 7, e31011	3.7	31
31	CXC ligand 9 response to malaria during pregnancy is associated with low-birth-weight deliveries. <i>Infection and Immunity</i> , <b>2012</b> , 80, 3034-8	3.7	20
30	Iron deficiency protects against severe Plasmodium falciparum malaria and death in young children. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 54, 1137-44	11.6	132
29	Intermittent treatment to prevent pregnancy malaria does not confer benefit in an area of widespread drug resistance. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 53, 224-30	11.6	106
28	NSR-seq transcriptional profiling enables identification of a gene signature of Plasmodium falciparum parasites infecting children. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1119-29	15.9	52
27	Chondroitin sulfate A-adhering Plasmodium falciparum-infected erythrocytes express functionally important antibody epitopes shared by multiple variants. <i>Journal of Immunology</i> , <b>2010</b> , 185, 7553-61	5.3	47
26	Immunization with VAR2CSA-DBL5 recombinant protein elicits broadly cross-reactive antibodies to placental Plasmodium falciparum-infected erythrocytes. <i>Infection and Immunity</i> , <b>2010</b> , 78, 2248-56	3.7	32
25	High throughput functional assays of the variant antigen PfEMP1 reveal a single domain in the 3D7 Plasmodium falciparum genome that binds ICAM1 with high affinity and is targeted by naturally acquired neutralizing antibodies. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000386	7.6	56
24	Evidence for globally shared, cross-reacting polymorphic epitopes in the pregnancy-associated malaria vaccine candidate VAR2CSA. <i>Infection and Immunity</i> , <b>2008</b> , 76, 1791-800	3.7	42
23	Decreased susceptibility to Plasmodium falciparum infection in pregnant women with iron deficiency. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 198, 163-6	7	95

22	Fetal responses during placental malaria modify the risk of low birth weight. <i>Infection and Immunity</i> , <b>2008</b> , 76, 1527-34	3.7	25
21	The distinct proteome of placental malaria parasites. <i>Molecular and Biochemical Parasitology</i> , <b>2007</b> , 155, 57-65	1.9	48
20	Genome-wide expression analysis of placental malaria reveals features of lymphoid neogenesis during chronic infection. <i>Journal of Immunology</i> , <b>2007</b> , 179, 557-65	5.3	63
19	Six genes are preferentially transcribed by the circulating and sequestered forms of <i>Plasmodium falciparum</i> parasites that infect pregnant women. <i>Infection and Immunity</i> , <b>2007</b> , 75, 4838-50	3.7	49
18	Effects of sex, parity, and sequence variation on seroreactivity to candidate pregnancy malaria vaccine antigens. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196, 155-64	7	47
17	Malaria in pregnancy: pathogenesis and immunity. <i>Lancet Infectious Diseases</i> , <b>2007</b> , 7, 105-17	25.5	372
16	Antibodies to rhoptry-associated membrane antigen predict resistance to <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 861-9	7	21
15	Maternal malaria and gravidity interact to modify infant susceptibility to malaria. <i>PLoS Medicine</i> , <b>2005</b> , 2, e407	11.6	134
14	Antibodies that inhibit <i>Plasmodium falciparum</i> adhesion to chondroitin sulfate A are associated with increased birth weight and the gestational age of newborns. <i>Infection and Immunity</i> , <b>2003</b> , 71, 6620-3	3.7	214
13	Maternal immunization and malaria in pregnancy. <i>Vaccine</i> , <b>2003</b> , 21, 3358-61	4.1	15
12	<i>Plasmodium falciparum</i> adhesion in the placenta. <i>Current Opinion in Microbiology</i> , <b>2003</b> , 6, 371-6	7.9	48
11	Malaria is related to decreased nutritional status among male adolescents and adults in the setting of intense perennial transmission. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 188, 449-57	7	25
10	Two DBLgamma subtypes are commonly expressed by placental isolates of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2002</b> , 122, 201-10	1.9	40
9	Profound bias in interferon-gamma and interleukin-6 allele frequencies in western Kenya, where severe malarial anemia is common in children. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 186, 1007-12	7	22
8	Pre-erythrocytic immunity to <i>Plasmodium falciparum</i> : the case for an LSA-1 vaccine. <i>Trends in Parasitology</i> , <b>2001</b> , 17, 219-23	6.4	52
7	Human resistance to <i>Plasmodium falciparum</i> increases during puberty and is predicted by dehydroepiandrosterone sulfate levels. <i>Infection and Immunity</i> , <b>2001</b> , 69, 123-8	3.7	77
6	Interleukin-10 responses to liver-stage antigen 1 predict human resistance to <i>Plasmodium falciparum</i> . <i>Infection and Immunity</i> , <b>1999</b> , 67, 3424-9	3.7	52
5	Maternal antibodies block malaria. <i>Nature</i> , <b>1998</b> , 395, 851-2	50.4	478

4	Maternal malaria and parasite adhesion. <i>Journal of Molecular Medicine</i> , <b>1998</b> , 76, 162-71	5.5	79
3	A novel fluorescence and DNA combination for complex, long-term marking of mosquitoes		1
2	A high affinity human monoclonal antibody against Pfs230 binds multiple parasite stages and blocks oocyst formation in mosquitoes		2
1	Pfs230 yields higher malaria transmission-blocking vaccine activity than Pfs25 in humans but not mice		2