

Patrick E Duffy

List of Publications by Year in descending order

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Version: 2024-02-01

170
papers

7,050
citations

61945

43
h-index

74108

75
g-index

221
all docs

221
docs citations

221
times ranked

5653
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal antibodies block malaria. <i>Nature</i> , 1998, 395, 851-852.	13.7	580
2	Malaria in pregnancy: pathogenesis and immunity. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 105-117.	4.6	458
3	Safety and efficacy of PfSPZ Vaccine against <i>Plasmodium falciparum</i> via direct venous inoculation in healthy malaria-exposed adults in Mali: a randomised, double-blind phase 1 trial. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 498-509.	4.6	258
4	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> , 2003, 71, 6620-6623.	1.0	244
5	Iron Deficiency Protects Against Severe <i>Plasmodium falciparum</i> Malaria and Death in Young Children. <i>Clinical Infectious Diseases</i> , 2012, 54, 1137-1144.	2.9	169
6	Malaria vaccines since 2000: progress, priorities, products. <i>Npj Vaccines</i> , 2020, 5, 48.	2.9	154
7	Progress with <i>Plasmodium falciparum</i> sporozoite (PfSPZ)-based malaria vaccines. <i>Vaccine</i> , 2015, 33, 7452-7461.	1.7	152
8	Maternal Malaria and Gravidity Interact to Modify Infant Susceptibility to Malaria. <i>PLoS Medicine</i> , 2005, 2, e407.	3.9	151
9	Parasite Burden and Severity of Malaria in Tanzanian Children. <i>New England Journal of Medicine</i> , 2014, 370, 1799-1808.	13.9	139
10	Intermittent Treatment to Prevent Pregnancy Malaria Does Not Confer Benefit in an Area of Widespread Drug Resistance. <i>Clinical Infectious Diseases</i> , 2011, 53, 224-230.	2.9	125
11	Malaria during Pregnancy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a025551.	2.9	125
12	The March Toward Malaria Vaccines. <i>American Journal of Preventive Medicine</i> , 2015, 49, S319-S333.	1.6	124
13	Antibodies to PfSEA-1 block parasite egress from RBCs and protect against malaria infection. <i>Science</i> , 2014, 344, 871-877.	6.0	117
14	The march toward malaria vaccines. <i>Vaccine</i> , 2015, 33, D13-D23.	1.7	115
15	Safety and Immunogenicity of Pfs25-EPA/Alhydrogel [®] , a Transmission Blocking Vaccine against <i>Plasmodium falciparum</i> : An Open Label Study in Malaria Na ⁺ -ve Adults. <i>PLoS ONE</i> , 2016, 11, e0163144.	1.1	114
16	Decreased Susceptibility to <i>Plasmodium falciparum</i> Infection in Pregnant Women with Iron Deficiency. <i>Journal of Infectious Diseases</i> , 2008, 198, 163-166.	1.9	111
17	Safety and immunogenicity of Pfs25H-EPA/Alhydrogel, a transmission-blocking vaccine against <i>Plasmodium falciparum</i> : a randomised, double-blind, comparator-controlled, dose-escalation study in healthy Malian adults. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 969-982.	4.6	101
18	Maternal malaria and parasite adhesion. <i>Journal of Molecular Medicine</i> , 1998, 76, 162-171.	1.7	100

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19	Human Resistance to Plasmodium falciparum Increases during Puberty and Is Predicted by Dehydroepiandrosterone Sulfate Levels. <i>Infection and Immunity</i> , 2001, 69, 123-128.	1.0	94
20	Iron, anemia and hepcidin in malaria. <i>Frontiers in Pharmacology</i> , 2014, 5, 125.	1.6	92
21	NK cells inhibit Plasmodium falciparum growth in red blood cells via antibody-dependent cellular cytotoxicity. <i>ELife</i> , 2018, 7, .	2.8	92
22	Structural and Immunological Characterization of Recombinant 6-Cysteine Domains of the Plasmodium falciparum Sexual Stage Protein Pfs230. <i>Journal of Biological Chemistry</i> , 2016, 291, 19913-19922.	1.6	91
23	IFN- γ T Cells Are Required for the Induction of Sterile Immunity during Irradiated Sporozoite Vaccinations. <i>Journal of Immunology</i> , 2017, 199, 3781-3788.	0.4	80
24	Genome-Wide Expression Analysis of Placental Malaria Reveals Features of Lymphoid Neogenesis during Chronic Infection. <i>Journal of Immunology</i> , 2007, 179, 557-565.	0.4	77
25	NSR-seq transcriptional profiling enables identification of a gene signature of Plasmodium falciparum parasites infecting children. <i>Journal of Clinical Investigation</i> , 2011, 121, 1119-1129.	3.9	72
26	Designing a VAR2CSA-based vaccine to prevent placental malaria. <i>Vaccine</i> , 2015, 33, 7483-7488.	1.7	71
27	Interleukin-10 Responses to Liver-Stage Antigen 1 Predict Human Resistance to Plasmodium falciparum. <i>Infection and Immunity</i> , 1999, 67, 3424-3429.	1.0	71
28	Pre-erythrocytic malaria vaccines: identifying the targets. <i>Expert Review of Vaccines</i> , 2012, 11, 1261-1280.	2.0	70
29	Advances in malaria vaccine development: report from the 2017 malaria vaccine symposium. <i>Npj Vaccines</i> , 2017, 2, 34.	2.9	68
30	Two chemoattenuated PfSPZ malaria vaccines induce sterile hepatic immunity. <i>Nature</i> , 2021, 595, 289-294.	13.7	68
31	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> , 2009, 5, e1000386.	2.1	63
32	Plasmodium falciparum adhesion in the placenta. <i>Current Opinion in Microbiology</i> , 2003, 6, 371-376.	2.3	62
33	Six Genes Are Preferentially Transcribed by the Circulating and Sequestered Forms of Plasmodium falciparum Parasites That Infect Pregnant Women. <i>Infection and Immunity</i> , 2007, 75, 4838-4850.	1.0	59
34	Reversible Conformational Change in the Plasmodium falciparum Circumsporozoite Protein Masks Its Adhesion Domains. <i>Infection and Immunity</i> , 2015, 83, 3771-3780.	1.0	59
35	Anti-PfGARP activates programmed cell death of parasites and reduces severe malaria. <i>Nature</i> , 2020, 582, 104-108.	13.7	59
36	TLR-adjuvanted nanoparticle vaccines differentially influence the quality and longevity of responses to malaria antigen Pfs25. <i>JCI Insight</i> , 2018, 3, .	2.3	59

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37	Pre-erythrocytic immunity to <i>Plasmodium falciparum</i> : the case for an LSA-1 vaccine. <i>Trends in Parasitology</i> , 2001, 17, 219-223.	1.5	58
38	The distinct proteome of placental malaria parasites. <i>Molecular and Biochemical Parasitology</i> , 2007, 155, 57-65.	0.5	56
39	Chondroitin Sulfate A-Adhering <i>Plasmodium falciparum</i> -Infected Erythrocytes Express Functionally Important Antibody Epitopes Shared by Multiple Variants. <i>Journal of Immunology</i> , 2010, 185, 7553-7561.	0.4	56
40	Adjuvant and carrier protein-dependent T-cell priming promotes a robust antibody response against the <i>Plasmodium falciparum</i> Pfs25 vaccine candidate. <i>Scientific Reports</i> , 2017, 7, 40312.	1.6	54
41	A malaria vaccine protects Aotus monkeys against virulent <i>Plasmodium falciparum</i> infection. <i>Npj Vaccines</i> , 2017, 2, .	2.9	52
42	Effects of Sex, Parity, and Sequence Variation on Seroreactivity to Candidate Pregnancy Malaria Vaccine Antigens. <i>Journal of Infectious Diseases</i> , 2007, 196, 155-164.	1.9	50
43	Antibody-independent mechanisms regulate the establishment of chronic <i>Plasmodium</i> infection. <i>Nature Microbiology</i> , 2017, 2, 16276.	5.9	50
44	Pfs230 yields higher malaria transmission blocking vaccine activity than Pfs25 in humans but not mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	49
45	Evidence for Globally Shared, Cross-Reacting Polymorphic Epitopes in the Pregnancy-Associated Malaria Vaccine Candidate VAR2CSA. <i>Infection and Immunity</i> , 2008, 76, 1791-1800.	1.0	47
46	Structural basis for placental malaria mediated by <i>Plasmodium falciparum</i> VAR2CSA. <i>Nature Microbiology</i> , 2021, 6, 380-391.	5.9	47
47	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> , 2003, 188, 449-457.	1.9	45
48	Transmission-Blocking Vaccines: Harnessing Herd Immunity for Malaria Elimination. <i>Expert Review of Vaccines</i> , 2021, 20, 185-198.	2.0	45
49	Two DBL α subtypes are commonly expressed by placental isolates of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 122, 201-210.	0.5	44
50	Safety and efficacy of a three-dose regimen of <i>Plasmodium falciparum</i> sporozoite vaccine in adults during an intense malaria transmission season in Mali: a randomised, controlled phase 1 trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 377-389.	4.6	44
51	Systemic Inflammatory Response to Malaria During Pregnancy Is Associated With Pregnancy Loss and Preterm Delivery. <i>Clinical Infectious Diseases</i> , 2017, 65, 1729-1735.	2.9	43
52	Beyond Blood Smears: Qualification of <i>Plasmodium</i> 18S rRNA as a Biomarker for Controlled Human Malaria Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1466-1476.	0.6	41
53	A human monoclonal antibody blocks malaria transmission and defines a highly conserved neutralizing epitope on gametes. <i>Nature Communications</i> , 2021, 12, 1750.	5.8	39
54	Structure and function of a malaria transmission blocking vaccine targeting Pfs230 and Pfs230-Pfs48/45 proteins. <i>Communications Biology</i> , 2020, 3, 395.	2.0	37

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55	Protein-protein conjugate nanoparticles for malaria antigen delivery and enhanced immunogenicity. PLoS ONE, 2017, 12, e0190312.	1.1	37
56	Multilaboratory Approach to Preclinical Evaluation of Vaccine Immunogens for Placental Malaria. Infection and Immunity, 2013, 81, 487-495.	1.0	36
57	A Plasma Survey Using 38 PfEMP1 Domains Reveals Frequent Recognition of the Plasmodium falciparum Antigen VAR2CSA among Young Tanzanian Children. PLoS ONE, 2012, 7, e31011.	1.1	35
58	CXC Ligand 9 Response to Malaria during Pregnancy Is Associated with Low-Birth-Weight Deliveries. Infection and Immunity, 2012, 80, 3034-3038.	1.0	35
59	VAR2CSA Domain-Specific Analysis of Naturally Acquired Functional Antibodies to Plasmodium falciparum Placental Malaria. Journal of Infectious Diseases, 2016, 214, 577-586.	1.9	35
60	Outer membrane protein complex as a carrier for malaria transmission blocking antigen Pfs230. Npj Vaccines, 2019, 4, 24.	2.9	35
61	CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. PLoS Pathogens, 2020, 16, e1008230.	2.1	35
62	Malaria is a cause of iron deficiency in African children. Nature Medicine, 2021, 27, 653-658.	15.2	35
63	Immunization with VAR2CSA-DBL5 Recombinant Protein Elicits Broadly Cross-Reactive Antibodies to Placental Plasmodium falciparum-Infected Erythrocytes. Infection and Immunity, 2010, 78, 2248-2256.	1.0	34
64	Intermittent Preventive Treatment in Pregnant Women Is Associated with Increased Risk of Severe Malaria in Their Offspring. PLoS ONE, 2013, 8, e56183.	1.1	34
65	Severe Acute Respiratory Syndrome Coronavirus 2 Seroassay Performance and Optimization in a Population With High Background Reactivity in Mali. Journal of Infectious Diseases, 2021, 224, 2001-2009.	1.9	34
66	Transmission-Blocking Vaccines for Malaria: Time to Talk about Vaccine Introduction. Trends in Parasitology, 2019, 35, 483-486.	1.5	31
67	Fetal Responses during Placental Malaria Modify the Risk of Low Birth Weight. Infection and Immunity, 2008, 76, 1527-1534.	1.0	30
68	Rapidly Increasing Severe Acute Respiratory Syndrome Coronavirus 2 Seroprevalence and Limited Clinical Disease in 3 Malian Communities: A Prospective Cohort Study. Clinical Infectious Diseases, 2022, 74, 1030-1038.	2.9	30
69	Maternal Microchimerism Predicts Increased Infection but Decreased Disease due to Plasmodium falciparum During Early Childhood. Journal of Infectious Diseases, 2017, 215, 1445-1451.	1.9	29
70	Clinical development of placental malaria vaccines and immunoassays harmonization: a workshop report. Malaria Journal, 2016, 15, 476.	0.8	28
71	Placental malaria vaccine candidate antigen VAR2CSA displays atypical domain architecture in some Plasmodium falciparum strains. Communications Biology, 2019, 2, 457.	2.0	26
72	Hemoglobin variants shape the distribution of malaria parasites in human populations and their transmission potential. Scientific Reports, 2017, 7, 14267.	1.6	25

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73	Profound Bias in Interferon γ and Interleukin α Allele Frequencies in Western Kenya, Where Severe Malarial Anemia Is Common in Children. <i>Journal of Infectious Diseases</i> , 2002, 186, 1007-1012.	1.9	24
74	Identification of VAR2CSA Domain-Specific Inhibitory Antibodies of the <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein 1 Using a Novel Flow Cytometry Assay. <i>Vaccine Journal</i> , 2013, 20, 433-442.	3.2	24
75	Host factors that modify <i>Plasmodium falciparum</i> adhesion to endothelial receptors. <i>Scientific Reports</i> , 2017, 7, 13872.	1.6	24
76	Antibody levels to recombinant VAR2CSA domains vary with <i>Plasmodium falciparum</i> parasitaemia, gestational age, and gravidity, but do not predict pregnancy outcomes. <i>Malaria Journal</i> , 2018, 17, 106.	0.8	24
77	Antibodies to Rhoptry-Associated Membrane Antigen Predict Resistance to <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , 2005, 192, 861-869.	1.9	23
78	ATP-degrading ENPP1 is required for survival (or persistence) of long-lived plasma cells. <i>Scientific Reports</i> , 2017, 7, 17867.	1.6	23
79	Optimal mode for delivery of seasonal malaria chemoprevention in Ouelessebougou, Mali: A cluster randomized trial. <i>PLoS ONE</i> , 2018, 13, e0193296.	1.1	23
80	Expanding the antimalarial toolkit: Targeting host-parasite interactions. <i>Journal of Experimental Medicine</i> , 2016, 213, 143-153.	4.2	22
81	Malaria vaccine trials in pregnant women: An imperative without precedent. <i>Vaccine</i> , 2019, 37, 763-770.	1.7	22
82	Safety and Comparability of Controlled Human <i>Plasmodium falciparum</i> Infection by Mosquito Bite in Malaria-Naïve Subjects at a New Facility for Sporozoite Challenge. <i>PLoS ONE</i> , 2014, 9, e109654.	1.1	21
83	Maternal immunization and malaria in pregnancy. <i>Vaccine</i> , 2003, 21, 3358-3361.	1.7	20
84	Utilizing direct skin feeding assays for development of vaccines that interrupt malaria transmission: A systematic review of methods and case study. <i>Vaccine</i> , 2016, 34, 5863-5870.	1.7	20
85	Role of Activins in Hepcidin Regulation during Malaria. <i>Infection and Immunity</i> , 2017, 85, .	1.0	20
86	Impact of seasonal malaria chemoprevention on hospital admissions and mortality in children under 5 years of age in Ouelessebougou, Mali. <i>Malaria Journal</i> , 2020, 19, 103.	0.8	20
87	A Method for Producing Protein Nanoparticles with Applications in Vaccines. <i>PLoS ONE</i> , 2016, 11, e0138761.	1.1	20
88	Cytokine Profiles at Birth Predict Malaria Severity during Infancy. <i>PLoS ONE</i> , 2013, 8, e77214.	1.1	19
89	Malaria in pregnancy: the relevance of animal models for vaccine development. <i>Lab Animal</i> , 2017, 46, 388-398.	0.2	18
90	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> , 2021, 73, 1355-1361.	2.9	18

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91	Identification of Novel Pre-Erythrocytic Malaria Antigen Candidates for Combination Vaccines with Circumsporozoite Protein. <i>PLoS ONE</i> , 2016, 11, e0159449.	1.1	18
92	Functional Antibodies against Placental Malaria Parasites Are Variant Dependent and Differ by Geographic Region. <i>Infection and Immunity</i> , 2019, 87, .	1.0	16
93	Maternally-derived Antibodies to Schizont Egress Antigen-1 and Protection of Infants From Severe Malaria. <i>Clinical Infectious Diseases</i> , 2019, 68, 1718-1724.	2.9	16
94	Comparison of carrier proteins to conjugate malaria transmission blocking vaccine antigens, Pfs25 and Pfs230. <i>Vaccine</i> , 2020, 38, 5480-5489.	1.7	15
95	SARS-CoV-2 Cross-Reactivity in Prepandemic Serum from Rural Malaria-Infected Persons, Cambodia. <i>Emerging Infectious Diseases</i> , 2022, 28, 440-444.	2.0	15
96	Identification of Protective B-Cell Epitopes within the Novel Malaria Vaccine Candidate Plasmodium falciparum Schizont Egress Antigen 1. <i>Vaccine Journal</i> , 2017, 24, .	3.2	14
97	Malaria transmission-blocking conjugate vaccine in ALFQ adjuvant induces durable functional immune responses in rhesus macaques. <i>Npj Vaccines</i> , 2021, 6, 148.	2.9	14
98	Bacteremia and Malaria in Tanzanian Children Hospitalized for Acute Febrile Illness. <i>Journal of Tropical Pediatrics</i> , 2015, 61, 81-85.	0.7	13
99	Prevalence of Plasmodium falciparum anti-malarial resistance-associated polymorphisms in pfprt, pfmdr1 and pfnhe1 in Muheza, Tanzania, prior to introduction of artemisinin combination therapy. <i>Malaria Journal</i> , 2015, 14, 129.	0.8	13
100	Assessment of the impact of manufacturing changes on the physicochemical properties of the recombinant vaccine carrier ExoProtein A. <i>Vaccine</i> , 2019, 37, 5762-5769.	1.7	13
101	A single full-length VAR2CSA ectodomain variant purifies broadly neutralizing antibodies against placental malaria isolates. <i>ELife</i> , 2022, 11, .	2.8	13
102	HIV Treatments Reduce Malaria Liver Stage Burden in a Non-Human Primate Model of Malaria Infection at Clinically Relevant Concentrations In Vivo. <i>PLoS ONE</i> , 2014, 9, e100138.	1.1	12
103	Fetal Origins of Malarial Disease: Cord Blood Cytokines as Risk Markers for Pediatric Severe Malarial Anemia. <i>Journal of Infectious Diseases</i> , 2015, 211, 436-444.	1.9	12
104	High-Throughput Screening Platform Identifies Small Molecules That Prevent Sequestration of Plasmodium falciparum Infected Erythrocytes. <i>Journal of Infectious Diseases</i> , 2015, 211, 1134-1143.	1.9	12
105	Effect of seasonal malaria chemoprevention on the acquisition of antibodies to Plasmodium falciparum antigens in Ouelessebouyou, Mali. <i>Malaria Journal</i> , 2017, 16, 289.	0.8	12
106	Malaria Transmission-Blocking Vaccines: Present Status and Future Perspectives. , 0, , .		12
107	Antimalarial antibody repertoire defined by plasma IG proteomics and single B cell IG sequencing. <i>JCI Insight</i> , 2020, 5, .	2.3	12
108	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> , 2013, 81, 1031-1039.	1.0	11

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109	Chloroquine neither eliminates liver stage parasites nor delays their development in a murine Chemoprophylaxis Vaccination model. <i>Frontiers in Microbiology</i> , 2015, 6, 283.	1.5	11
110	Heterologous Infection of Pregnant Mice Induces Low Birth Weight and Modifies Offspring Susceptibility to Malaria. <i>PLoS ONE</i> , 2016, 11, e0160120.	1.1	11
111	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> , 2016, 11, e0165140.	1.1	11
112	Allelic variants of full-length VAR2CSA, the placental malaria vaccine candidate, differ in antigenicity and receptor binding affinity. <i>Communications Biology</i> , 2021, 4, 1309.	2.0	11
113	Effect of three years' seasonal malaria chemoprevention on molecular markers of resistance of <i>Plasmodium falciparum</i> to sulfadoxine-pyrimethamine and amodiaquine in Ouelessebougou, Mali. <i>Malaria Journal</i> , 2022, 21, 39.	0.8	11
114	Cord Blood Hcpidin: Cross-Sectional Correlates and Associations with Anemia, Malaria, and Mortality in a Tanzanian Birth Cohort Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 817-826.	0.6	10
115	Ultra-sensitive RDT performance and antigen dynamics in a high-transmission <i>Plasmodium falciparum</i> setting in Mali. <i>Malaria Journal</i> , 2020, 19, 323.	0.8	10
116	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> , 2017, 215, 122-130.	1.9	9
117	Chemoprophylaxis Vaccination: Phase I Study to Explore Stage-specific Immunity to <i>Plasmodium falciparum</i> in US Adults. <i>Clinical Infectious Diseases</i> , 2020, 71, 1481-1490.	2.9	9
118	A novel fluorescence and DNA combination for versatile, long-term marking of mosquitoes. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1008-1016.	2.2	9
119	Evaluation of Pregnancy Malaria Vaccine Candidates: The Binding Inhibition Assay. <i>Methods in Molecular Biology</i> , 2015, 1325, 231-239.	0.4	8
120	<i>Grammomys surdaster</i> , the Natural Host for <i>Plasmodium berghei</i> Parasites, as a Model to Study Whole-Organism Vaccines against Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 16-0745.	0.6	8
121	Chronic helminth infection does not impair immune response to malaria transmission blocking vaccine Pfs230D1-EPA/Alhydrogel® in mice. <i>Vaccine</i> , 2019, 37, 1038-1045.	1.7	8
122	IFN- γ 4 is associated with increased risk and earlier occurrence of several common infections in African children. <i>Genes and Immunity</i> , 2021, 22, 44-55.	2.2	8
123	<i>Plasmodium falciparum</i> 7G8 challenge provides conservative prediction of efficacy of PfNF54-based PfSPZ Vaccine in Africa. <i>Nature Communications</i> , 2022, 13, .	5.8	8
124	Development of a bivalent conjugate vaccine candidate against malaria transmission and typhoid fever. <i>Vaccine</i> , 2018, 36, 2978-2984.	1.7	7
125	Antibodies to PfsEGXP, an Early Gametocyte-Enriched Phosphoprotein, Predict Decreased <i>Plasmodium falciparum</i> Gametocyte Density in Humans. <i>Journal of Infectious Diseases</i> , 2018, 218, 1792-1801.	1.9	7
126	Adverse pregnancy outcomes among women presenting at antenatal clinics in Ouésébougou, Mali. <i>Reproductive Health</i> , 2020, 17, 39.	1.2	7

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127	Seroepidemiology of helminths and the association with severe malaria among infants and young children in Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006345.	1.3	7
128	Optimizing Direct Membrane and Direct Skin Feeding Assays for <i>Plasmodium falciparum</i> Transmission-Blocking Vaccine Trials in Bancoumana, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 719-725.	0.6	7
129	Assessing and Minimizing the Effect of Malaria on SARS-CoV-2 Serodiagnostics. <i>Frontiers in Tropical Diseases</i> , 2021, 2, .	0.5	7
130	Neither the HIV Protease Inhibitor Lopinavir-Ritonavir nor the Antimicrobial Trimethoprim-Sulfamethoxazole Prevent Malaria Relapse in <i>Plasmodium cynomolgi</i> -Infected Non-Human Primates. <i>PLoS ONE</i> , 2014, 9, e115506.	1.1	6
131	Naturally Acquired Antibody Response to Malaria Transmission Blocking Vaccine Candidate Pvs230 Domain 1. <i>Frontiers in Immunology</i> , 2019, 10, 2295.	2.2	6
132	Age-dependent increase in antibodies that inhibit <i>Plasmodium falciparum</i> adhesion to a subset of endothelial receptors. <i>Malaria Journal</i> , 2019, 18, 128.	0.8	6
133	Antibody Therapy Goes to Insects: Monoclonal Antibodies Can Block <i>Plasmodium</i> Transmission to Mosquitoes. <i>Trends in Parasitology</i> , 2020, 36, 880-883.	1.5	6
134	<i>Plasmodium</i> Preerythrocytic Vaccine Antigens Enhance Sterile Protection in Mice Induced by Circumsporozoite Protein. <i>Infection and Immunity</i> , 2021, 89, e0016521.	1.0	6
135	Proteomics Pipeline for Identifying Variant Proteins in <i>Plasmodium falciparum</i> Parasites Isolated from Children Presenting with Malaria. <i>Journal of Proteome Research</i> , 2019, 18, 3831-3839.	1.8	5
136	A primate model of severe malarial anaemia: a comparative pathogenesis study. <i>Scientific Reports</i> , 2019, 9, 18965.	1.6	5
137	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> , 2017, 96, 1190-1196.	0.6	5
138	Making a good malaria vaccine better. <i>Trends in Parasitology</i> , 2022, 38, 9-10.	1.5	5
139	Longitudinal analysis of gamma delta T cell subsets during malaria infections in Malian adults. <i>Malaria Journal</i> , 2019, 18, 69.	0.8	4
140	Response to Comment on "CD3 ⁺ T Cells Are Required for the Induction of Sterile Immunity during Irradiated Sporozoite Vaccinations". <i>Journal of Immunology</i> , 2018, 200, 1533-1534.	0.4	4
141	Characterization of AMA1-TRON2L complex with native gel electrophoresis and capillary isoelectric focusing. <i>Electrophoresis</i> , 2022, 43, 509-515.	1.3	4
142	Protein-protein conjugation enhances the immunogenicity of SARS-CoV-2 receptor-binding domain (RBD) vaccines. <i>iScience</i> , 2022, 25, 104739.	1.9	4
143	The Virtues and Vices of Pfs230: From Vaccine Concept to Vaccine Candidate. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 17-21.	0.6	4
144	The Effect of <i>Plasmodium</i> on the Outcome of Ebola Virus Infection in a Mouse Model. <i>Journal of Infectious Diseases</i> , 2018, 218, S434-S437.	1.9	3

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