

Stephen L Hoffman

List of Publications by Year in descending order

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265
papers

26,829
citations

8749

75
h-index

7736

150
g-index

275
all docs

275
docs citations

275
times ranked

17535
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Nature</i> , 2002, 419, 498-511.	13.7	3,881
2	The Genome Sequence of the Malaria Mosquito <i>Anopheles gambiae</i> . <i>Science</i> , 2002, 298, 129-149.	6.0	1,859
3	Induction of Antigen-Specific Cytotoxic T Lymphocytes in Humans by a Malaria DNA Vaccine. , 1998, 282, 476-480.		761
4	Comparative genomics of the neglected human malaria parasite <i>Plasmodium vivax</i> . <i>Nature</i> , 2008, 455, 757-763.	13.7	756
5	Protection Against Malaria by Intravenous Immunization with a Nonreplicating Sporozoite Vaccine. <i>Science</i> , 2013, 341, 1359-1365.	6.0	686
6	Genome sequence and comparative analysis of the model rodent malaria parasite <i>Plasmodium yoelii yoelii</i> . <i>Nature</i> , 2002, 419, 512-519.	13.7	666
7	Protection of Humans against Malaria by Immunization with Radiation-Attenuated <i>Plasmodium falciparum</i> Sporozoites. <i>Journal of Infectious Diseases</i> , 2002, 185, 1155-1164.	1.9	652
8	Meta-Analysis: Convalescent Blood Products for Spanish Influenza Pneumonia: A Future H5N1 Treatment?. <i>Annals of Internal Medicine</i> , 2006, 145, 599.	2.0	547
9	Funding for malaria genome sequencing. <i>Nature</i> , 1997, 387, 647-647.	13.7	432
10	Chromosome 2 Sequence of the Human Malaria Parasite <i>Plasmodium falciparum</i> . , 1998, 282, 1126-1132.		419
11	Primaquine Therapy for Malaria. <i>Clinical Infectious Diseases</i> , 2004, 39, 1336-1345.	2.9	369
12	Sterile protection against human malaria by chemoattenuated PfSPZ vaccine. <i>Nature</i> , 2017, 542, 445-449.	13.7	332
13	The Complexity of Protective Immunity Against Liver-Stage Malaria. <i>Journal of Immunology</i> , 2000, 165, 1453-1462.	0.4	313
14	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. <i>Nature Medicine</i> , 2016, 22, 614-623.	15.2	313
15	Reduction of Mortality in Chloramphenicol-Treated Severe Typhoid Fever by High-Dose Dexamethasone. <i>New England Journal of Medicine</i> , 1984, 310, 82-88.	13.9	308
16	Quantitative assessment of <i>Plasmodium falciparum</i> sexual development reveals potent transmission-blocking activity by methylene blue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1214-23.	3.3	293
17	Development of a metabolically active, non-replicating sporozoite vaccine to prevent <i>Plasmodium falciparum</i> malaria. <i>Hum Vaccin</i> , 2010, 6, 97-106.	2.4	258
18	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

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19	A human monoclonal antibody prevents malaria infection by targeting a new site of vulnerability on the parasite. <i>Nature Medicine</i> , 2018, 24, 408-416.	15.2	235
20	Rationale and plans for developing a non-replicating, metabolically active, radiation-attenuated <i>Plasmodium falciparum</i> sporozoite vaccine. <i>Journal of Experimental Biology</i> , 2003, 206, 3803-3808.	0.8	232
21	Identification of <i>Plasmodium falciparum</i> antigens by antigenic analysis of genomic and proteomic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9952-9957.	3.3	227
22	Phase I/IIa Safety, Immunogenicity, and Efficacy Trial of NYVAC-Pf7, a Pox-Vectored, Multiantigen, Multistage Vaccine Candidate for <i>Plasmodium falciparum</i> Malaria. <i>Journal of Infectious Diseases</i> , 1998, 177, 1664-1673.	1.9	224
23	Malaria Epitopes Expressed on the surface of Recombinant Tobacco Mosaic Virus. <i>Nature Biotechnology</i> , 1995, 13, 53-57.	9.4	221
24	<i>Plasmodium falciparum</i> Incidence Relative to Entomologic Inoculation Rates at a Site Proposed for Testing Malaria Vaccines in Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994, 50, 529-536.	0.6	209
25	Attenuated PfSPZ Vaccine induces strain-transcending T cells and durable protection against heterologous controlled human malaria infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2711-2716.	3.3	201
26	Resistance to Chloroquine by <i>Plasmodium vivax</i> in Irian Jaya, Indonesia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1991, 44, 547-552.	0.6	197
27	A Microscale Human Liver Platform that Supports the Hepatic Stages of <i>Plasmodium falciparum</i> and <i>vivax</i> . <i>Cell Host and Microbe</i> , 2013, 14, 104-115.	5.1	195
28	Protection against <i>Plasmodium falciparum</i> malaria by PfSPZ Vaccine. <i>JCI Insight</i> , 2017, 2, e89154.	2.3	195
29	Degenerate Cytotoxic T Cell Epitopes from <i>P. falciparum</i> Restricted by Multiple HLA-A and HLA-B Supertype Alleles. <i>Immunity</i> , 1997, 7, 97-112.	6.6	190
30	A public antibody lineage that potently inhibits malaria infection through dual binding to the circumsporozoite protein. <i>Nature Medicine</i> , 2018, 24, 401-407.	15.2	183
31	Cellular mechanisms of nonspecific immunity to intracellular infection: Cytokine-induced synthesis of toxic nitrogen oxides from L-arginine by macrophages and hepatocytes. <i>Immunology Letters</i> , 1990, 25, 15-19.	1.1	178
32	Comparative Analysis of Apicomplexa and Genomic Diversity in Eukaryotes. <i>Genome Research</i> , 2004, 14, 1686-1695.	2.4	172
33	Sequence of <i>Plasmodium falciparum</i> chromosomes 2, 10, 11 and 14. <i>Nature</i> , 2002, 419, 531-534.	13.7	167
34	Do DNA Vaccines Induce Autoimmune Disease?. <i>Human Gene Therapy</i> , 1997, 8, 293-300.	1.4	162
35	Diagnosis of Resistance to Chloroquine by <i>Plasmodium vivax</i> : Timing of Recurrence and Whole Blood Chloroquine Levels. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 56, 621-626.	0.6	153
36	Progress with <i>Plasmodium falciparum</i> sporozoite (PfSPZ)-based malaria vaccines. <i>Vaccine</i> , 2015, 33, 7452-7461.	1.7	152

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37	Interleukin-12- and Gamma Interferon-Dependent Protection against Malaria Conferred by CpG Oligodeoxynucleotide in Mice. <i>Infection and Immunity</i> , 2001, 69, 1643-1649.	1.0	144
38	Controlled Human Malaria Infections by Intradermal Injection of Cryopreserved <i>Plasmodium falciparum</i> Sporozoites. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 5-13.	0.6	140
39	Plasmid DNA Malaria Vaccine: The Potential for Genomic Integration after Intramuscular Injection. <i>Human Gene Therapy</i> , 1999, 10, 759-768.	1.4	139
40	HLA-DR-Promiscuous T Cell Epitopes from <i>Plasmodium falciparum</i> Pre-Erythrocytic-Stage Antigens Restricted by Multiple HLA Class II Alleles. <i>Journal of Immunology</i> , 2000, 165, 1123-1137.	0.4	134
41	Malaria Transmitted to Humans by Mosquitoes Infected from Cultured <i>Plasmodium falciparum</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 1986, 35, 66-68.	0.6	133
42	Clonal selection drives protective memory B cell responses in controlled human malaria infection. <i>Science Immunology</i> , 2018, 3, .	5.6	132
43	Hark back: Passive immunotherapy for influenza and other serious infections. <i>Critical Care Medicine</i> , 2010, 38, e66-e73.	0.4	131
44	<i>Plasmodium</i> , human and <i>Anopheles</i> genomics and malaria. <i>Nature</i> , 2002, 415, 702-709.	13.7	126
45	The March Toward Malaria Vaccines. <i>American Journal of Preventive Medicine</i> , 2015, 49, S319-S333.	1.6	124
46	Improving Protective Immunity Induced by DNA-Based Immunization: Priming with Antigen and GM-CSF-Encoding Plasmid DNA and Boosting with Antigen-Expressing Recombinant Poxvirus. <i>Journal of Immunology</i> , 2000, 164, 5905-5912.	0.4	122
47	Immunity to Malaria and Naturally Acquired Antibodies to the Circumsporozoite Protein of <i>Plasmodium falciparum</i> . <i>New England Journal of Medicine</i> , 1986, 315, 601-606.	13.9	119
48	Malaria transmission dynamics at a site in northern Ghana proposed for testing malaria vaccines. <i>Tropical Medicine and International Health</i> , 2004, 9, 164-170.	1.0	119
49	Poly(I:C) is an effective adjuvant for antibody and multi-functional CD4+ T cell responses to <i>Plasmodium falciparum</i> circumsporozoite protein (CSP) and Î±DEC-CSP in non human primates. <i>Vaccine</i> , 2010, 28, 7256-7266.	1.7	119
50	Safety and Clinical Outcome of Experimental Challenge of Human Volunteers with <i>Plasmodium falciparum</i> Infected Mosquitoes: An Update. <i>Journal of Infectious Diseases</i> , 2007, 196, 145-154.	1.9	118
51	Humoral Immune Responses in Volunteers Immunized with Irradiated <i>Plasmodium falciparum</i> Sporozoites. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 166-173.	0.6	118
52	Antigen-Specific Suppressor T Lymphocytes in Human Lymphatic Filariasis. <i>New England Journal of Medicine</i> , 1982, 307, 144-148.	13.9	117
53	Controlled Human Malaria Infection of Tanzanians by Intradermal Injection of Aseptic, Purified, Cryopreserved <i>Plasmodium falciparum</i> Sporozoites. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 471-480.	0.6	116
54	Type II Fatty Acid Biosynthesis Is Essential for <i>Plasmodium falciparum</i> Sporozoite Development in the Midgut of <i>Anopheles</i> Mosquitoes. <i>Eukaryotic Cell</i> , 2014, 13, 550-559.	3.4	116

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55	The optimization of helper T lymphocyte (HTL) function in vaccine development. <i>Immunologic Research</i> , 1998, 18, 79-92.	1.3	115
56	The march toward malaria vaccines. <i>Vaccine</i> , 2015, 33, D13-D23.	1.7	115
57	Direct venous inoculation of <i>Plasmodium falciparum</i> sporozoites for controlled human malaria infection: a dose-finding trial in two centres. <i>Malaria Journal</i> , 2015, 14, 117.	0.8	114
58	Safety, Immunogenicity, and Protective Efficacy against Controlled Human Malaria Infection of <i>Plasmodium falciparum</i> Sporozoite Vaccine in Tanzanian Adults. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 338-349.	0.6	114
59	Codon Optimization of Gene Fragments Encoding <i>Plasmodium falciparum</i> Merzoite Proteins Enhances DNA Vaccine Protein Expression and Immunogenicity in Mice. <i>Infection and Immunity</i> , 2001, 69, 7250-7253.	1.0	110
60	Primaquine for Prevention of Malaria in Travelers. <i>Clinical Infectious Diseases</i> , 2003, 37, 1659-1667.	2.9	109
61	Clinical Manifestations of <i>Plasmodium falciparum</i> Malaria Experimentally Induced by Mosquito Challenge. <i>Journal of Infectious Diseases</i> , 1997, 175, 915-920.	1.9	108
62	Treatment of Chloroquine-Resistant <i>Plasmodium vivax</i> with Chloroquine and Primaquine or Halofantrine. <i>Journal of Infectious Diseases</i> , 1995, 171, 1678-1682.	1.9	106
63	Plasmid DNA Malaria Vaccine: Tissue Distribution and Safety Studies in Mice and Rabbits. <i>Human Gene Therapy</i> , 1999, 10, 741-758.	1.4	106
64	Safety, Tolerability, and Lack of Antibody Responses After Administration of aPfCSP DNA Malaria Vaccine via Needle or Needle-Free Jet Injection, and Comparison of Intramuscular and Combination Intramuscular/Intradermal Routes. <i>Human Gene Therapy</i> , 2002, 13, 1551-1560.	1.4	102
65	Plasmid Vaccine Expressing Granulocyte-Macrophage Colony-Stimulating Factor Attracts Infiltrates Including Immature Dendritic Cells into Injected Muscles. <i>Journal of Immunology</i> , 2000, 165, 3772-3781.	0.4	101
66	DNA-based vaccines against malaria: status and promise of the Multi-Stage Malaria DNA Vaccine Operation. <i>International Journal for Parasitology</i> , 2001, 31, 753-762.	1.3	100
67	Induction in Humans of CD8+ and CD4+ T Cell and Antibody Responses by Sequential Immunization with Malaria DNA and Recombinant Protein. <i>Journal of Immunology</i> , 2004, 172, 5561-5569.	0.4	97
68	A Systems-Based Analysis of <i>Plasmodium vivax</i> Lifecycle Transcription from Human to Mosquito. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e653.	1.3	96
69	Evaluating controlled human malaria infection in Kenyan adults with varying degrees of prior exposure to <i>Plasmodium falciparum</i> using sporozoites administered by intramuscular injection. <i>Frontiers in Microbiology</i> , 2014, 5, 686.	1.5	95
70	Research toward vaccines against malaria. <i>Nature Medicine</i> , 1998, 4, 520-524.	15.2	94
71	Gene Disruption of <i>Plasmodium falciparum</i> p52 Results in Attenuation of Malaria Liver Stage Development in Cultured Primary Human Hepatocytes. <i>PLoS ONE</i> , 2008, 3, e3549.	1.1	91
72	Antihomotypic affinity maturation improves human B cell responses against a repetitive epitope. <i>Science</i> , 2018, 360, 1358-1362.	6.0	89

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73	Two <i>Plasmodium</i> Cys family-related proteins have distinct and critical roles in liver-stage development. <i>FASEB Journal</i> , 2014, 28, 2158-2170.	0.2	88
74	CpG Oligodeoxynucleotide and Montanide ISA 51 Adjuvant Combination Enhanced the Protective Efficacy of a Subunit Malaria Vaccine. <i>Infection and Immunity</i> , 2004, 72, 949-957.	1.0	87
75	DSM265 for <i>Plasmodium falciparum</i> chemoprophylaxis: a randomised, double blinded, phase 1 trial with controlled human malaria infection. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 636-644.	4.6	83
76	Antibodies against the <i>Plasmodium falciparum</i> Receptor Binding Domain of EBA-175 Block Invasion Pathways That Do Not Involve Sialic Acids. <i>Infection and Immunity</i> , 2000, 68, 1964-1966.	1.0	82
77	Randomized, Placebo-Controlled Trial of Atovaquone/Proguanil for the Prevention of <i>Plasmodium falciparum</i> or <i>Plasmodium vivax</i> Malaria among Migrants to Papua, Indonesia. <i>Clinical Infectious Diseases</i> , 2002, 35, 825-833.	2.9	82
78	Identification and Characterization of the Protective Gene of homolog of Exported Protein 1. <i>Journal of Biological Chemistry</i> , 1996, 271, 17861-17868.	1.6	81
79	Multistage Multiantigen Heterologous Prime Boost Vaccine for <i>Plasmodium knowlesi</i> Malaria Provides Partial Protection in Rhesus Macaques. <i>Infection and Immunity</i> , 2001, 69, 5565-5572.	1.0	80
80	Optimising Controlled Human Malaria Infection Studies Using Cryopreserved <i>P. falciparum</i> Parasites Administered by Needle and Syringe. <i>PLoS ONE</i> , 2013, 8, e65960.	1.1	80
81	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
82	A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Trial of Tafenoquine for Weekly Prophylaxis against <i>Plasmodium falciparum</i> . <i>Clinical Infectious Diseases</i> , 2003, 36, 541-549.	2.9	79
83	Rare PfCSP C-terminal antibodies induced by live sporozoite vaccination are ineffective against malaria infection. <i>Journal of Experimental Medicine</i> , 2018, 215, 63-75.	4.2	79
84	<i>Plasmodium Falciparum</i> -Infected <i>Anopheles Stephens</i> Inconsistently Transmit Malaria to Humans. <i>American Journal of Tropical Medicine and Hygiene</i> , 1990, 43, 441-445.	0.6	79
85	A shotgun optical map of the entire <i>Plasmodium falciparum</i> genome. <i>Nature Genetics</i> , 1999, 23, 309-313.	9.4	78
86	Controlled human malaria infection by intramuscular and direct venous inoculation of cryopreserved <i>Plasmodium falciparum</i> sporozoites in malaria-naïve volunteers: effect of injection volume and dose on infectivity rates. <i>Malaria Journal</i> , 2015, 14, 306.	0.8	78
87	Seasonal profiles of malaria infection, anaemia, and bednet use among age groups and communities in northern Ghana. <i>Tropical Medicine and International Health</i> , 2003, 8, 793-802.	1.0	76
88	Protection of Rhesus Macaques against Lethal <i>Plasmodium knowlesi</i> Malaria by a Heterologous DNA Priming and Poxvirus Boosting Immunization Regimen. <i>Infection and Immunity</i> , 2002, 70, 4329-4335.	1.0	75
89	Boosting of DNA Vaccine-Elicited Gamma Interferon Responses in Humans by Exposure to Malaria Parasites. <i>Infection and Immunity</i> , 2005, 73, 2863-2872.	1.0	75
90	Characterization of the gene encoding sporozoite surface protein 2, a protective <i>Plasmodium yoelii</i> sporozoite antigen. <i>Molecular and Biochemical Parasitology</i> , 1992, 53, 45-51.	0.5	74

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91	Determining liver stage parasite burden by real time quantitative PCR as a method for evaluating pre-erythrocytic malaria vaccine efficacy. <i>Molecular and Biochemical Parasitology</i> , 2001, 118, 233-245.	0.5	71
92	Two chemoattenuated PfSPZ malaria vaccines induce sterile hepatic immunity. <i>Nature</i> , 2021, 595, 289-294.	13.7	68
93	A genetically attenuated malaria vaccine candidate based on <i>P. falciparum</i> b9/slarp gene-deficient sporozoites. <i>ELife</i> , 2014, 3, .	2.8	68
94	From genomics to vaccines: Malaria as a model system. <i>Nature Medicine</i> , 1998, 4, 1351-1353.	15.2	67
95	Establishment of an In Vitro Assay for Assessing the Effects of Drugs on the Liver Stages of <i>Plasmodium vivax</i> Malaria. <i>PLoS ONE</i> , 2010, 5, e14275.	1.1	67
96	BAFF and BAFF Receptor Levels Correlate with B Cell Subset Activation and Redistribution in Controlled Human Malaria Infection. <i>Journal of Immunology</i> , 2014, 192, 3719-3729.	0.4	67
97	Safety, Immunogenicity, and Efficacy of a Malaria Sporozoite Vaccine Administered with Monophosphoryl Lipid A, Cell Wall Skeleton of Mycobacteria, and Squalane as Adjuvant. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994, 51, 603-612.	0.6	63
98	Simultaneous Induction of Multiple Antigen-Specific Cytotoxic T Lymphocytes in Nonhuman Primates by Immunization with a Mixture of Four <i>Plasmodium falciparum</i> DNA Plasmids. <i>Infection and Immunity</i> , 1998, 66, 4193-4202.	1.0	62
99	Assessing the adequacy of attenuation of genetically modified malaria parasite vaccine candidates. <i>Vaccine</i> , 2012, 30, 2662-2670.	1.7	61
100	Strains used in whole organism <i>Plasmodium falciparum</i> vaccine trials differ in genome structure, sequence, and immunogenic potential. <i>Genome Medicine</i> , 2020, 12, 6.	3.6	61
101	Safety and Differential Antibody and T-Cell Responses to the <i>Plasmodium falciparum</i> Sporozoite Malaria Vaccine, PfSPZ Vaccine, by Age in Tanzanian Adults, Adolescents, Children, and Infants. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1433-1444.	0.6	61
102	Impact of Sickle Cell Trait and Naturally Acquired Immunity on Uncomplicated Malaria after Controlled Human Malaria Infection in Adults in Gabon. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 508-515.	0.6	60
103	Primaquine for Prophylaxis against Malaria among Nonimmune Transmigrants in Irian Jaya, Indonesia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 52, 479-484.	0.6	59
104	High-Throughput Generation of <i>P. falciparum</i> Functional Molecules by Recombinational Cloning. <i>Genome Research</i> , 2004, 14, 2076-2082.	2.4	58
105	Safety, Immunogenicity, and Protective Efficacy of Intradermal Immunization with Aseptic, Purified, Cryopreserved <i>Plasmodium falciparum</i> Sporozoites in Volunteers Under Chloroquine Prophylaxis: A Randomized Controlled Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 663-673.	0.6	58
106	The Potential Role of Vaccines in the Elimination of <i>Falciparum</i> Malaria and the Eventual Eradication of Malaria. <i>Journal of Infectious Diseases</i> , 2009, 200, 1646-1649.	1.9	57
107	Malaria vaccines—targeting infected hepatocytes. <i>Nature Medicine</i> , 2000, 6, 1218-1219.	15.2	56
108	Advancing Global Health through Development and Clinical Trials Partnerships: A Randomized, Placebo-Controlled, Double-Blind Assessment of Safety, Tolerability, and Immunogenicity of PfSPZ Vaccine for Malaria in Healthy Equatoguinean Men. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 308-318.	0.6	55

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109	Bone Marrow Aspirate Culture Superior to Streptokinase Clot Culture and 8 ml 1:10 Blood-to-Broth Ratio Blood Culture for Diagnosis of Typhoid Fever. <i>American Journal of Tropical Medicine and Hygiene</i> , 1986, 35, 836-839.	0.6	55
110	Reduction of Suppressor T Lymphocytes in the Tropical Splenomegaly Syndrome. <i>New England Journal of Medicine</i> , 1984, 310, 337-341.	13.9	54
111	Mosquito Passage Dramatically Changes var Gene Expression in Controlled Human <i>Plasmodium falciparum</i> Infections. <i>PLoS Pathogens</i> , 2016, 12, e1005538.	2.1	54
112	Controlled Human Malaria Infection of Healthy Adults With Lifelong Malaria Exposure to Assess Safety, Immunogenicity, and Efficacy of the Asexual Blood Stage Malaria Vaccine Candidate GMZ2. <i>Clinical Infectious Diseases</i> , 2019, 69, 1377-1384.	2.9	53
113	PfSPATR, a <i>Plasmodium falciparum</i> Protein Containing an Altered Thrombospondin Type I Repeat Domain Is Expressed at Several Stages of the Parasite Life Cycle and Is the Target of Inhibitory Antibodies. <i>Journal of Biological Chemistry</i> , 2003, 278, 25977-25981.	1.6	52
114	Immunization of Saimiri Sciureus Boliviensis with Recombinant Vaccines Based on the Circumsporozoite Protein of <i>Plasmodium Vivax</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 1989, 40, 455-464.	0.6	52
115	A double-blind, placebo-controlled phase 1/2a trial of the genetically attenuated malaria vaccine PfSPZ-GA1. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	50
116	CD4 ⁺ T-Cell- and Gamma Interferon-Dependent Protection against Murine Malaria by Immunization with Linear Synthetic Peptides from a <i>Plasmodium yoelii</i> 17-Kilodalton Hepatocyte Erythrocyte Protein. <i>Infection and Immunity</i> , 1999, 67, 5604-5614.	1.0	50
117	Immunogenicity and Protective Efficacy of Radiation-Attenuated and Chemo-Attenuated PfSPZ Vaccines in Equatoguinean Adults. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 283-293.	0.6	49
118	History of Malaria in the United States Naval Forces at War: World War I Through the Vietnam Conflict. <i>Clinical Infectious Diseases</i> , 1993, 16, 320-329.	2.9	48
119	Artemether in Severe Malaria " Still Too Many Deaths. <i>New England Journal of Medicine</i> , 1996, 335, 124-126.	13.9	48
120	ELISPOT assay for detection of peptide specific Interferon- γ secreting cells in rhesus macaques. <i>Journal of Immunological Methods</i> , 2001, 247, 49-60.	0.6	47
121	Safety, immunogenicity and efficacy of PfSPZ Vaccine against malaria in infants in western Kenya: a double-blind, randomized, placebo-controlled phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 1636-1645.	15.2	47
122	Hexahydroquinolines are antimalarial candidates with potent blood-stage and transmission-blocking activity. <i>Nature Microbiology</i> , 2017, 2, 1403-1414.	5.9	47
123	Recombinant Attenuated <i>Toxoplasma gondii</i> Expressing the <i>Plasmodium yoelii</i> Circumsporozoite Protein Provides Highly Effective Priming for CD8 ⁺ T Cell-Dependent Protective Immunity Against Malaria. <i>Journal of Immunology</i> , 2000, 165, 2084-2092.	0.4	46
124	Artemisinin resistance phenotypes and K13 inheritance in a <i>Plasmodium falciparum</i> cross and <i>Aotus</i> model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12513-12518.	3.3	46
125	Increase of Dose Associated With Decrease in Protection Against Controlled Human Malaria Infection by PfSPZ Vaccine in Tanzanian Adults. <i>Clinical Infectious Diseases</i> , 2020, 71, 2849-2857.	2.9	46
126	Controlled Human Malaria Infection Leads to Long-Lasting Changes in Innate and Innate-like Lymphocyte Populations. <i>Journal of Immunology</i> , 2017, 199, 107-118.	0.4	45

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127	Clinical trial in healthy malaria-naïve adults to evaluate the safety, tolerability, immunogenicity and efficacy of MuStDOS, a five-gene, sporozoite/hepatic stage <i>Plasmodium falciparum</i> DNA vaccine combined with escalating dose human GM-CSF DNA. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1564-1584.	1.4	44
128	Humoral protection against mosquito bite-transmitted <i>Plasmodium falciparum</i> infection in humanized mice. <i>Npj Vaccines</i> , 2017, 2, 27.	2.9	44
129	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
130	A DNA vaccine encoding the 42 kDa C-terminus of merozoite surface protein 1 of <i>Plasmodium falciparum</i> induces antibody, interferon- γ and cytotoxic T cell responses in rhesus monkeys: immuno-stimulatory effects of granulocyte macrophage-colony stimulating factor. <i>Immunology Letters</i> , 2002, 81, 13-24.	1.1	43
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