

List of Publications by Year in descending order

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108
papers

5,762
citations

117571

34
h-index

91828

69
g-index

116
all docs

116
docs citations

116
times ranked

8763
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations between pre- and postnatal exposure to air pollution and lung health in children and assessment of CC16 as a potential mediator. <i>Environmental Research</i> , 2022, 204, 111900.	3.7	8
2	Transcriptional correlates of malaria in RTS,S/AS01-vaccinated African children: a matched case-control study. <i>ELife</i> , 2022, 11, .	2.8	4
3	Strong off-target antibody reactivity to malarial antigens induced by RTS,S/AS01E vaccination is associated with protection. <i>JCI Insight</i> , 2022, 7, .	2.3	6
4	Highly Sensitive and Specific Multiplex Antibody Assays To Quantify Immunoglobulins M, A, and G against SARS-CoV-2 Antigens. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	64
5	RTS,S/AS01E malaria vaccine induces IgA responses against CSP and vaccine-unrelated antigens in African children in the phase 3 trial. <i>Vaccine</i> , 2021, 39, 687-698.	1.7	9
6	The effect of early treatment with ivermectin on viral load, symptoms and humoral response in patients with non-severe COVID-19: A pilot, double-blind, placebo-controlled, randomized clinical trial. <i>EClinicalMedicine</i> , 2021, 32, 100720.	3.2	157
7	Reduced Placental Transfer of Antibodies Against a Wide Range of Microbial and Vaccine Antigens in HIV-Infected Women in Mozambique. <i>Frontiers in Immunology</i> , 2021, 12, 614246.	2.2	11
8	HIV infection and placental malaria reduce maternal transfer of multiple antimalarial antibodies in Mozambican women. <i>Journal of Infection</i> , 2021, 82, 45-57.	1.7	7
9	Persistence and baseline determinants of seropositivity and reinfection rates in health care workers up to 12.5 months after COVID-19. <i>BMC Medicine</i> , 2021, 19, 155.	2.3	34
10	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. <i>Nature</i> , 2021, 595, 707-712.	13.7	363
11	Seven-month kinetics of SARS-CoV-2 antibodies and role of pre-existing antibodies to human coronaviruses. <i>Nature Communications</i> , 2021, 12, 4740.	5.8	104
12	Ambient Air Pollution in Relation to SARS-CoV-2 Infection, Antibody Response, and COVID-19 Disease: A Cohort Study in Catalonia, Spain (COVICAT Study). <i>Environmental Health Perspectives</i> , 2021, 129, 117003.	2.8	58
13	<i>Plasmodium falciparum</i> and Helminth Coinfections Increase IgE and Parasite-Specific IgG Responses. <i>Microbiology Spectrum</i> , 2021, 9, e0110921.	1.2	8
14	Blood cytokine, chemokine and growth factor profiling in a cohort of pregnant women from tropical countries. <i>Cytokine</i> , 2020, 125, 154818.	1.4	4
15	Association of Maternal Factors and HIV Infection With Innate Cytokine Responses of Delivering Mothers and Newborns in Mozambique. <i>Frontiers in Microbiology</i> , 2020, 11, 1452.	1.5	6
16	Cytokine signatures of <i>Plasmodium vivax</i> infection during pregnancy and delivery outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008155.	1.3	8
17	Antigen-stimulated PBMC transcriptional protective signatures for malaria immunization. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	33
18	Antibody responses to the RTS,S/AS01E vaccine and <i>Plasmodium falciparum</i> antigens after a booster dose within the phase 3 trial in Mozambique. <i>Npj Vaccines</i> , 2020, 5, 46.	2.9	15

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19	The SARS-CoV-2 Ivermectin Navarra-ISGlobal Trial (SAINT) to Evaluate the Potential of Ivermectin to Reduce COVID-19 Transmission in low risk, non-severe COVID-19 patients in the first 48 hours after symptoms onset: A structured summary of a study protocol for a randomized control pilot trial. <i>Trials</i> , 2020, 21, 498.	0.7	16
20	Seroprevalence of antibodies against SARS-CoV-2 among health care workers in a large Spanish reference hospital. <i>Nature Communications</i> , 2020, 11, 3500.	5.8	350
21	Immune system development varies according to age, location, and anemia in African children. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	54
22	RTS,S/AS01E immunization increases antibody responses to vaccine-unrelated <i>Plasmodium falciparum</i> antigens associated with protection against clinical malaria in African children: a case-control study. <i>BMC Medicine</i> , 2019, 17, 157.	2.3	30
23	VAR2CSA Serology to Detect <i>Plasmodium falciparum</i> Transmission Patterns in Pregnancy. <i>Emerging Infectious Diseases</i> , 2019, 25, 1851-1860.	2.0	8
24	Concentration and avidity of antibodies to different circumsporozoite epitopes correlate with RTS,S/AS01E malaria vaccine efficacy. <i>Nature Communications</i> , 2019, 10, 2174.	5.8	123
25	Differential Patterns of IgG Subclass Responses to <i>Plasmodium falciparum</i> Antigens in Relation to Malaria Protection and RTS,S Vaccination. <i>Frontiers in Immunology</i> , 2019, 10, 439.	2.2	55
26	Induction and decay of functional complement-fixing antibodies by the RTS,S malaria vaccine in children, and a negative impact of malaria exposure. <i>BMC Medicine</i> , 2019, 17, 45.	2.3	65
27	Changing plasma cytokine, chemokine and growth factor profiles upon differing malaria transmission intensities. <i>Malaria Journal</i> , 2019, 18, 406.	0.8	6
28	Challenges and strategies for developing efficacious and long-lasting malaria vaccines. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	102
29	A Balanced Proinflammatory and Regulatory Cytokine Signature in Young African Children Is Associated With Lower Risk of Clinical Malaria. <i>Clinical Infectious Diseases</i> , 2019, 69, 820-828.	2.9	8
30	Development of quantitative suspension array assays for six immunoglobulin isotypes and subclasses to multiple <i>Plasmodium falciparum</i> antigens. <i>Journal of Immunological Methods</i> , 2018, 455, 41-54.	0.6	22
31	Identifying Immune Correlates of Protection Against <i>Plasmodium falciparum</i> Through a Novel Approach to Account for Heterogeneity in Malaria Exposure. <i>Clinical Infectious Diseases</i> , 2018, 66, 586-593.	2.9	18
32	Genetic and epigenetic regulation of YKL-40 in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1105-1114.	1.5	27
33	Baseline exposure, antibody subclass, and hepatitis B response differentially affect malaria protective immunity following RTS,S/AS01E vaccination in African children. <i>BMC Medicine</i> , 2018, 16, 197.	2.3	65
34	Modulation of innate immune responses at birth by prenatal malaria exposure and association with malaria risk during the first year of life. <i>BMC Medicine</i> , 2018, 16, 198.	2.3	24
35	Analysis of factors affecting the variability of a quantitative suspension bead array assay measuring IgG to multiple <i>Plasmodium</i> antigens. <i>PLoS ONE</i> , 2018, 13, e0199278.	1.1	16
36	Antibody responses to β -Gal in African children vary with age and site and are associated with malaria protection. <i>Scientific Reports</i> , 2018, 8, 9999.	1.6	26

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37	Development of a high-throughput flexible quantitative suspension array assay for IgG against multiple Plasmodium falciparum antigens. <i>Malaria Journal</i> , 2018, 17, 216.	0.8	14
38	Optimization of incubation conditions of Plasmodium falciparum antibody multiplex assays to measure IgG, IgG1 ⁴ , IgM and IgE using standard and customized reference pools for sero-epidemiological and vaccine studies. <i>Malaria Journal</i> , 2018, 17, 219.	0.8	19
39	Cord Blood IL-12 Confers Protection to Clinical Malaria in Early Childhood Life. <i>Scientific Reports</i> , 2018, 8, 10860.	1.6	2
40	High production of pro-inflammatory cytokines by maternal blood mononuclear cells is associated with reduced maternal malaria but increased cord blood infection. <i>Malaria Journal</i> , 2018, 17, 177.	0.8	13
41	IgM and IgG against Plasmodium falciparum lysate as surrogates of malaria exposure and protection during pregnancy. <i>Malaria Journal</i> , 2018, 17, 182.	0.8	6
42	Naturally Acquired Immunity (NAI). , 2018, , 1-15.		9
43	Distinct Helper T Cell Type 1 and 2 Responses Associated With Malaria Protection and Risk in RTS,S/AS01E Vaccinees. <i>Clinical Infectious Diseases</i> , 2017, 65, 746-755.	2.9	25
44	Naturally Acquired Binding-Inhibitory Antibodies to Plasmodium vivax Duffy Binding Protein in Pregnant Women Are Associated with Higher Birth Weight in a Multicenter Study. <i>Frontiers in Immunology</i> , 2017, 8, 163.	2.2	11
45	Chronic Exposure to Malaria Is Associated with Inhibitory and Activation Markers on Atypical Memory B Cells and Marginal Zone-Like B Cells. <i>Frontiers in Immunology</i> , 2017, 8, 966.	2.2	45
46	RTS,S/AS01E Malaria Vaccine Induces Memory and Polyfunctional T Cell Responses in a Pediatric African Phase III Trial. <i>Frontiers in Immunology</i> , 2017, 8, 1008.	2.2	34
47	Assessment of the Combined Effect of Epstein-Barr Virus and Plasmodium falciparum Infections on Endemic Burkitt Lymphoma Using a Multiplex Serological Approach. <i>Frontiers in Immunology</i> , 2017, 8, 1284.	2.2	13
48	Multiplexing detection of IgG against Plasmodium falciparum pregnancy-specific antigens. <i>PLoS ONE</i> , 2017, 12, e0181150.	1.1	14
49	drLumi: An open-source package to manage data, calibrate, and conduct quality control of multiplex bead-based immunoassays data analysis. <i>PLoS ONE</i> , 2017, 12, e0187901.	1.1	25
50	Immunosuppressive and angiogenic cytokine profile associated with Bartonella bacilliformis infection in post-outbreak and endemic areas of Carrion's disease in Peru. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005684.	1.3	15
51	Burden and impact of Plasmodium vivax in pregnancy: A multi-centre prospective observational study. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005606.	1.3	46
52	Placental Microparticles and MicroRNAs in Pregnant Women with Plasmodium falciparum or HIV Infection. <i>PLoS ONE</i> , 2016, 11, e0146361.	1.1	32
53	Plasmodium vivax VIR Proteins Are Targets of Naturally-Acquired Antibody and T Cell Immune Responses to Malaria in Pregnant Women. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005009.	1.3	18
54	Proinflammatory Responses and Higher IL-10 Production by T Cells Correlate with Protection against Malaria during Pregnancy and Delivery Outcomes. <i>Journal of Immunology</i> , 2015, 194, 3275-3285.	0.4	19

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55	Relation between circulating CC16 concentrations, lung function, and development of chronic obstructive pulmonary disease across the lifespan: a prospective study. <i>Lancet Respiratory Medicine</i> , 2015, 3, 613-620.	5.2	134
56	RTS,S Vaccination Is Associated With Serologic Evidence of Decreased Exposure to Plasmodium falciparum Liver- and Blood-Stage Parasites*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 519-531.	2.5	40
57	Changing Trends in <i>P. falciparum</i> Burden, Immunity, and Disease in Pregnancy. <i>New England Journal of Medicine</i> , 2015, 373, 1607-1617.	13.9	63
58	Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. <i>New England Journal of Medicine</i> , 2015, 373, 2025-2037.	13.9	332
59	OMIP-025: Evaluation of human T- and NK-cell responses including memory and follicular helper phenotype by intracellular cytokine staining. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 289-292.	1.1	36
60	Malaria and HIV Infection in Mozambican Pregnant Women Are Associated With Reduced Transfer of Antimalarial Antibodies to Their Newborns. <i>Journal of Infectious Diseases</i> , 2015, 211, 1004-1014.	1.9	34
61	Blood Interferon Signatures Putatively Link Lack of Protection Conferred by the RTS,S Recombinant Malaria Vaccine to an Antigen-specific IgE Response. <i>F1000Research</i> , 2015, 4, 919.	0.8	33
62	Blood Interferon Signatures Putatively Link Lack of Protection Conferred by the RTS,S Recombinant Malaria Vaccine to an Antigen-specific IgE Response. <i>F1000Research</i> , 2015, 4, 919.	0.8	19
63	Plasmodium falciparum malaria and invasive bacterial co-infection in young African children: the dysfunctional spleen hypothesis. <i>Malaria Journal</i> , 2014, 13, 335.	0.8	43
64	Quantification of Multiple Cytokines and Chemokines Using Cytometric Bead Arrays. <i>Methods in Molecular Biology</i> , 2014, 1172, 65-86.	0.4	17
65	Duration of vaccine efficacy against malaria: 5th year of follow-up in children vaccinated with RTS,S/AS02 in Mozambique. <i>Vaccine</i> , 2014, 32, 2209-2216.	1.7	32
66	Pregnancy and Malaria Exposure Are Associated with Changes in the B Cell Pool and in Plasma Eotaxin Levels. <i>Journal of Immunology</i> , 2014, 193, 2971-2983.	0.4	34
67	Blood oxidative stress markers and <i>P. falciparum</i> malaria in non-immune African children. <i>British Journal of Haematology</i> , 2014, 164, 438-450.	1.2	22
68	Impact of age of first exposure to Plasmodium falciparum on antibody responses to malaria in children: a randomized, controlled trial in Mozambique. <i>Malaria Journal</i> , 2014, 13, 121.	0.8	18
69	Plasma advanced oxidative protein products are associated with anti-oxidative stress pathway genes and malaria in a longitudinal cohort. <i>Malaria Journal</i> , 2014, 13, 134.	0.8	15
70	Improved Pregnancy Outcomes in Women Exposed to Malaria With High Antibody Levels Against Plasmodium falciparum. <i>Journal of Infectious Diseases</i> , 2013, 207, 1664-1674.	1.9	38
71	Cytokine and Antibody Responses to Plasmodium falciparum in Na ⁺ ve Individuals during a First Malaria Episode: Effect of Age and Malaria Exposure. <i>PLoS ONE</i> , 2013, 8, e55756.	1.1	29
72	Cytokine Profiling in Immigrants with Clinical Malaria after Extended Periods of Interrupted Exposure to Plasmodium falciparum. <i>PLoS ONE</i> , 2013, 8, e73360.	1.1	24

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73	High Antibody Responses against Plasmodium falciparum in Immigrants after Extended Periods of Interrupted Exposure to Malaria. PLoS ONE, 2013, 8, e73624.	1.1	25
74	Performance of Multiplex Commercial Kits to Quantify Cytokine and Chemokine Responses in Culture Supernatants from Plasmodium falciparum Stimulations. PLoS ONE, 2013, 8, e52587.	1.1	52
75	VAR2CSA Signatures of High Plasmodium falciparum Parasitemia in the Placenta. PLoS ONE, 2013, 8, e69753.	1.1	11
76	Reduction of Antimalarial Antibodies by HIV Infection Is Associated With Increased Risk of Plasmodium falciparum Cord Blood Infection. Journal of Infectious Diseases, 2012, 205, 568-577.	1.9	19
77	Interleukin-10 (IL-10) Polymorphisms Are Associated with IL-10 Production and Clinical Malaria in Young Children. Infection and Immunity, 2012, 80, 2316-2322.	1.0	36
78	Age-Dependent IgG Subclass Responses to Plasmodium falciparum EBA-175 Are Differentially Associated with Incidence of Malaria in Mozambican Children. Vaccine Journal, 2012, 19, 157-166.	3.2	34
79	Placental Infection With Plasmodium vivax: A Histopathological and Molecular Study. Journal of Infectious Diseases, 2012, 206, 1904-1910.	1.9	43
80	Low antibodies against Plasmodium falciparum and imbalanced pro-inflammatory cytokines are associated with severe malaria in Mozambican children: a case-control study. Malaria Journal, 2012, 11, 181.	0.8	52
81	A direct comparison of real time PCR on plasma and blood to detect Plasmodium falciparum infection in children. Malaria Journal, 2012, 11, 201.	0.8	16
82	Immunoglobulins against the surface of Plasmodium falciparum- infected erythrocytes increase one month after delivery. Malaria Journal, 2012, 11, 130.	0.8	11
83	The Role of Age and Exposure to Plasmodium falciparum in the Rate of Acquisition of Naturally Acquired Immunity: A Randomized Controlled Trial. PLoS ONE, 2012, 7, e32362.	1.1	30
84	Intermittent preventive treatment with sulfadoxine-pyrimethamine does not modify plasma cytokines and chemokines or intracellular cytokine responses to Plasmodium falciparum in Mozambican Children. BMC Immunology, 2012, 13, 5.	0.9	10
85	IgG against Plasmodium falciparum variant surface antigens and growth inhibitory antibodies in Mozambican children receiving intermittent preventive treatment with sulfadoxine-pyrimethamine. Immunobiology, 2011, 216, 793-802.	0.8	7
86	Four year immunogenicity of the RTS,S/AS02A malaria vaccine in Mozambican children during a phase IIb trial. Vaccine, 2011, 29, 6059-6067.	1.7	44
87	Impact of the RTS,S Malaria Vaccine Candidate on Naturally Acquired Antibody Responses to Multiple Asexual Blood Stage Antigens. PLoS ONE, 2011, 6, e25779.	1.1	32
88	Comparison of commercial kits to measure cytokine responses to Plasmodium falciparum by multiplex microsphere suspension array technology. Malaria Journal, 2011, 10, 115.	0.8	33
89	Transcription of var Genes Other Than var2csa in Plasmodium falciparum Parasites Infecting Mozambican Pregnant Women. Journal of Infectious Diseases, 2011, 204, 27-35.	1.9	21
90	HIV and Placental Infection Modulate the Appearance of Drug-Resistant Plasmodium falciparum in Pregnant Women who Receive Intermittent Preventive Treatment. Clinical Infectious Diseases, 2011, 52, 41-48.	2.9	32

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91	Persistence of <i>Plasmodium falciparum</i> Parasites in Infected Pregnant Mozambican Women after Delivery. <i>Infection and Immunity</i> , 2011, 79, 298-304.	1.0	12
92	Parity and Placental Infection Affect Antibody Responses against <i>Plasmodium falciparum</i> during Pregnancy. <i>Infection and Immunity</i> , 2011, 79, 1654-1659.	1.0	38
93	The Effect of Intermittent Preventive Treatment during Pregnancy on Malarial Antibodies Depends on HIV Status and Is Not Associated with Poor Delivery Outcomes. <i>Journal of Infectious Diseases</i> , 2010, 201, 123-131.	1.9	42
94	Understanding protective immune mechanisms induced by malaria vaccines in the context of clinical trials. <i>Hum Vaccin</i> , 2009, 5, 562-565.	2.4	3
95	Acquired Immunity to Malaria. <i>Clinical Microbiology Reviews</i> , 2009, 22, 13-36.	5.7	981
96	<i>Plasmodium</i> : Mammalian codon optimization of malaria plasmid DNA vaccines enhances antibody responses but not T cell responses nor protective immunity. <i>Experimental Parasitology</i> , 2009, 122, 112-123.	0.5	15
97	Insights into Long-Lasting Protection Induced by RTS,S/AS02A Malaria Vaccine: Further Results from a Phase IIb Trial in Mozambican Children. <i>PLoS ONE</i> , 2009, 4, e5165.	1.1	77
98	Transcriptionally active PCR for antigen identification and vaccine development: In vitro genome-wide screening and in vivo immunogenicity. <i>Molecular and Biochemical Parasitology</i> , 2008, 158, 32-45.	0.5	13
99	Impact of Intermittent Preventive Treatment with Sulfadoxine-Pyrimethamine on Antibody Responses to Erythrocytic-Stage <i>Plasmodium falciparum</i> Antigens in Infants in Mozambique. <i>Vaccine Journal</i> , 2008, 15, 1282-1291.	3.2	32
100	An Autopsy Study of Maternal Mortality in Mozambique: The Contribution of Infectious Diseases. <i>PLoS Medicine</i> , 2008, 5, e44.	3.9	120
101	Differential Antibody Responses to <i>Plasmodium falciparum</i> Merozoite Proteins in Malawian Children with Severe Malaria. <i>Journal of Infectious Diseases</i> , 2008, 197, 766-774.	1.9	17
102	Molecular Markers of Resistance to Sulfadoxine-Pyrimethamine during Intermittent Preventive Treatment for Malaria in Mozambican Infants. <i>Journal of Infectious Diseases</i> , 2008, 197, 1737-1742.	1.9	28
103	A Randomized Placebo-Controlled Trial of Intermittent Preventive Treatment in Pregnant Women in the Context of Insecticide Treated Nets Delivered through the Antenatal Clinic. <i>PLoS ONE</i> , 2008, 3, e1934.	1.1	137
104	Enhancement of antibody and cellular immune responses to malaria DNA vaccines by in vivo electroporation. <i>Vaccine</i> , 2007, 25, 6635-6645.	1.7	37
105	Targeting antigen to MHC Class I and Class II antigen presentation pathways for malaria DNA vaccines. <i>Immunology Letters</i> , 2007, 111, 92-102.	1.1	30
106	RTS,S/AS02A Malaria Vaccine Does Not Induce Parasite CSP T Cell Epitope Selection and Reduces Multiplicity of Infection. <i>PLOS Clinical Trials</i> , 2006, 1, e5.	3.5	70
107	Intermittent Preventive Treatment for Malaria Control Administered at the Time of Routine Vaccinations in Mozambican Infants: A Randomized, Placebo-Controlled Trial. <i>Journal of Infectious Diseases</i> , 2006, 194, 276-285.	1.9	101
108	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