

# Alfons Jimenez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7324773/publications.pdf>

Version: 2024-02-01

43  
papers

1,713  
citations

304368

22  
h-index

315357

38  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3292  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Analytical sensitivity of current best-in-class malaria rapid diagnostic tests. <i>Malaria Journal</i> , 2017, 16, 128.	0.8	73
5	Immunogenicity and crossreactivity of antibodies to the nucleocapsid protein of SARS-CoV-2: utility and limitations in seroprevalence and immunity studies. <i>Translational Research</i> , 2021, 232, 60-74.	2.2	69
6	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
7	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
8	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
9	Determinants of early antibody responses to COVID-19 mRNA vaccines in a cohort of exposed and naïve healthcare workers. <i>EBioMedicine</i> , 2022, 75, 103805.	2.7	60
10	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
11	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
12	SARS-CoV-2 Seroprevalence and Antibody Kinetics Among Health Care Workers in a Spanish Hospital After 3 Months of Follow-up. <i>Journal of Infectious Diseases</i> , 2021, 223, 62-71.	1.9	55
13	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
14	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
15	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
16	Improved Pregnancy Outcomes in Women Exposed to Malaria With High Antibody Levels Against <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , 2013, 207, 1664-1674.	1.9	38
17	Cytoadhesion to gC1qR through <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein 1 in Severe Malaria. <i>PLoS Pathogens</i> , 2016, 12, e1006011.	2.1	33
18	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

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19	Cytokine and Antibody Responses to Plasmodium falciparum in Na <sup>+</sup> ve Individuals during a First Malaria Episode: Effect of Age and Malaria Exposure. PLoS ONE, 2013, 8, e55756.	1.1	29
20	Antibody responses to Î±-Gal in African children vary with age and site and are associated with malaria protection. Scientific Reports, 2018, 8, 9999.	1.6	26
21	High Antibody Responses against Plasmodium falciparum in Immigrants after Extended Periods of Interrupted Exposure to Malaria. PLoS ONE, 2013, 8, e73624.	1.1	25
22	Quantification of malaria antigens PfHRP2 and pLDH by quantitative suspension array technology in whole blood, dried blood spot and plasma. Malaria Journal, 2020, 19, 12.	0.8	25
23	Plasma MicroRNA Profiling of Plasmodium falciparum Biomass and Association with Severity of Malaria Disease. Emerging Infectious Diseases, 2021, 27, 430-442.	2.0	24
24	Optimization of incubation conditions of Plasmodium falciparum antibody multiplex assays to measure IgG, IgG1 <sup>â€“</sup> 4, IgM and IgE using standard and customized reference pools for sero-epidemiological and vaccine studies. Malaria Journal, 2018, 17, 219.	0.8	19
25	Impact of age of first exposure to Plasmodium falciparum on antibody responses to malaria in children: a randomized, controlled trial in Mozambique. Malaria Journal, 2014, 13, 121.	0.8	18
26	Identifying Immune Correlates of Protection Against Plasmodium falciparum Through a Novel Approach to Account for Heterogeneity in Malaria Exposure. Clinical Infectious Diseases, 2018, 66, 586-593.	2.9	18
27	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
28	Analysis of factors affecting the variability of a quantitative suspension bead array assay measuring IgG to multiple Plasmodium antigens. PLoS ONE, 2018, 13, e0199278.	1.1	16
29	Infection induced SARS-CoV-2 seroprevalence and heterogeneity of antibody responses in a general population cohort study in Catalonia Spain. Scientific Reports, 2021, 11, 21571.	1.6	16
30	Multiplexing detection of IgG against Plasmodium falciparum pregnancy-specific antigens. PLoS ONE, 2017, 12, e0181150.	1.1	14
31	Development of a high-throughput flexible quantitative suspension array assay for IgG against multiple Plasmodium falciparum antigens. Malaria Journal, 2018, 17, 216.	0.8	14
32	High production of pro-inflammatory cytokines by maternal blood mononuclear cells is associated with reduced maternal malaria but increased cord blood infection. Malaria Journal, 2018, 17, 177.	0.8	13
33	Multiplex Antibody Analysis of IgM, IgA and IgG to SARS-CoV-2 in Saliva and Serum From Infected Children and Their Close Contacts. Frontiers in Immunology, 2022, 13, 751705.	2.2	13
34	Spike-based COVID-19 immunization increases antibodies to nucleocapsid antigen. Translational Research, 2022, 240, 26-32.	2.2	12
35	Immunoglobulins against the surface of Plasmodium falciparum- infected erythrocytes increase one month after delivery. Malaria Journal, 2012, 11, 130.	0.8	11
36	Antibody conversion rates to SARS-CoV-2 in saliva from children attending summer schools in Barcelona, Spain. BMC Medicine, 2021, 19, 309.	2.3	10

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37	Resisting and tolerating <i>P. falciparum</i> in pregnancy under different malaria transmission intensities. <i>BMC Medicine</i> , 2017, 15, 130.	2.3	8
38	VAR2CSA Serology to Detect <i>Plasmodium falciparum</i> Transmission Patterns in Pregnancy. <i>Emerging Infectious Diseases</i> , 2019, 25, 1851-1860.	2.0	8
39	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
40	IgG against <i>Plasmodium falciparum</i> variant surface antigens and growth inhibitory antibodies in Mozambican children receiving intermittent preventive treatment with sulfadoxine-pyrimethamine. <i>Immunobiology</i> , 2011, 216, 793-802.	0.8	7
41	IgM and IgG against <i>Plasmodium falciparum</i> lysate as surrogates of malaria exposure and protection during pregnancy. <i>Malaria Journal</i> , 2018, 17, 182.	0.8	6
42	Host age and expression of genes involved in red blood cell invasion in <i>Plasmodium falciparum</i> field isolates. <i>Scientific Reports</i> , 2017, 7, 4717.	1.6	3
43	Comparison of two malaria multiplex immunoassays that enable quantification of malaria antigens. <i>Malaria Journal</i> , 2022, 21, .	0.8	2