

Gemma Moncunill Piñas

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,873
citations

279701

23
h-index

289141

40
g-index

46
all docs

46
docs citations

46
times ranked

3943
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	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
3	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
4	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
5	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
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	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
8	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
9	Anti-HIV Activity and Resistance Profile of the CXC Chemokine Receptor 4 Antagonist POL3026. <i>Molecular Pharmacology</i> , 2008, 73, 1264-1273.	1.0	55
10	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
11	Immune system development varies according to age, location, and anemia in African children. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	54
12	Evaluation of the anti-HIV activity of statins. <i>Aids</i> , 2005, 19, 1697-1700.	1.0	53
13	Low antibodies against <i>Plasmodium falciparum</i> and imbalanced pro-inflammatory cytokines are associated with severe malaria in Mozambican children: a case-control study. <i>Malaria Journal</i> , 2012, 11, 181.	0.8	52
14	Performance of Multiplex Commercial Kits to Quantify Cytokine and Chemokine Responses in Culture Supernatants from <i>Plasmodium falciparum</i> Stimulations. <i>PLoS ONE</i> , 2013, 8, e52587.	1.1	52
15	HIV-1 escape to CCR5 coreceptor antagonism through selection of CXCR4-using variants in vitro. <i>Aids</i> , 2008, 22, 23-31.	1.0	46
16	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
17	OMIP025: 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
18	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

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19	Antigen-stimulated PBMC transcriptional protective signatures for malaria immunization. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	33
20	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
21	Cytokine and Antibody Responses to <i>Plasmodium falciparum</i> 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
22	High Antibody Responses against <i>Plasmodium falciparum</i> in Immigrants after Extended Periods of Interrupted Exposure to Malaria. <i>PLoS ONE</i> , 2013, 8, e73624.	1.1	25
23	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
24	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
25	Cytokine Profiling in Immigrants with Clinical Malaria after Extended Periods of Interrupted Exposure to <i>Plasmodium falciparum</i> . <i>PLoS ONE</i> , 2013, 8, e73360.	1.1	24
26	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
27	<sc>OMIP</sc>â€²4: Panâ€leukocyte immunophenotypic characterization of <sc>PBMC</sc> subsets in human samples. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 995-998.	1.1	22
28	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
29	Different selection patterns of resistance and cross-resistance to HIV-1 agents targeting CCR5. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 417-424.	1.3	18
30	HIV-1 resistance to the anti-HIV activity of a shRNA targeting a dual-coding region. <i>Virology</i> , 2008, 372, 421-429.	1.1	17
31	Quantification of Multiple Cytokines and Chemokines Using Cytometric Bead Arrays. <i>Methods in Molecular Biology</i> , 2014, 1172, 65-86.	0.4	17
32	Evaluation of the anti-HIV activity of natalizumab, an antibody against integrin alpha4. <i>Aids</i> , 2009, 23, 266-268.	1.0	16
33	Immunosuppressive and angiogenic cytokine profile associated with <i>Bartonella bacilliformis</i> 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
34	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
35	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
36	Agreement between commercially available ELISA and in-house Luminex SARS-CoV-2 antibody immunoassays. <i>Scientific Reports</i> , 2021, 11, 18984.	1.6	8

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37	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
38	Changing plasma cytokine, chemokine and growth factor profiles upon differing malaria transmission intensities. <i>Malaria Journal</i> , 2019, 18, 406.	0.8	6
39	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
40	Making sense of emerging evidence on the non-specific effects of the BCG vaccine on malaria risk and neonatal mortality. <i>BMJ Global Health</i> , 2020, 5, e002301.	2.0	4
41	Transcriptional correlates of malaria in RTS,S/AS01-vaccinated African children: a matched case-control study. <i>ELife</i> , 2022, 11, .	2.8	4