Gemma Moncunill PiÃ±as

List of Publications by Year
in descending order

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	Transcriptional correlates of malaria in RTS,S/AS01-vaccinated African children: a matched caseâ€“control study. ELife, 2022, 11, .	2.8	4
2	Determinants of early antibody responses to COVID-19 mRNA vaccines in a cohort of exposed and naÃ¯ve healthcare workers. EBioMedicine, 2022, 75, 103805.	2.7	60
3	Strong off-target antibody reactivity to malarial antigens induced by RTS,S/AS01E vaccination is associated with protection. JCI Insight, 2022, 7, .	2.3	6
4	RTS,S/AS01E malaria vaccine induces IgA responses against CSP and vaccine-unrelated antigens in African children in the phase 3 trial. Vaccine, 2021, 39, 687-698.	1.7	9
5	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. EClinicalMedicine, 2021, 32, 100720.	3.2	157
6	Reduced Placental Transfer of Antibodies Against a Wide Range of Microbial and Vaccine Antigens in HIV-Infected Women in Mozambique. Frontiers in Immunology, 2021, 12, 614246.	2.2	11
7	HIV infection and placental malaria reduce maternal transfer of multiple antimalarial antibodies in Mozambican women. Journal of Infection, 2021, 82, 45-57.	1.7	7
8	Seven-month kinetics of SARS-CoV-2 antibodies and role of pre-existing antibodies to human coronaviruses. Nature Communications, 2021, 12, 4740.	5.8	104
9	Agreement between commercially available ELISA and in-house Luminex SARS-CoV-2 antibody immunoassays. Scientific Reports, 2021, 11, 18984.	1.6	8
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). Environmental Health Perspectives, 2021, 129, 117003.	2.8	58
11	Antigen-stimulated PBMC transcriptional protective signatures for malaria immunization. Science Translational Medicine, 2020, 12, .	5.8	33
12	Seroprevalence of antibodies against SARS-CoV-2 among health care workers in a large Spanish reference hospital. Nature Communications, 2020, 11, 3500.	5.8	350
13	Making sense of emerging evidence on the non-specific effects of the BCG vaccine on malaria risk and neonatal mortality. BMJ Global Health, 2020, 5, e002301.	2.0	4
14	Immune system development varies according to age, location, and anemia in African children. Science Translational Medicine, 2020, 12, .	5.8	54
15	RTS,S/AS01E immunization increases antibody responses to vaccine-unrelated Plasmodium falciparum antigens associated with protection against clinical malaria in African children: a case-control study. BMC Medicine, 2019, 17, 157.	2.3	30
16	Concentration and avidity of antibodies to different circumsporozoite epitopes correlate with RTS,S/AS01E malaria vaccine efficacy. Nature Communications, 2019, 10, 2174.	5.8	123
17	Differential Patterns of IgG Subclass Responses to Plasmodium falciparum Antigens in Relation to Malaria Protection and RTS,S Vaccination. Frontiers in Immunology, 2019, 10, 439.	2.2	55
18	Changing plasma cytokine, chemokine and growth factor profiles upon differing malaria transmission intensities. Malaria Journal, 2019, 18, 406.	0.8	6

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19	Baseline exposure, antibody subclass, and hepatitis B response differentially affect malaria protective immunity following RTS,S/AS01E vaccination in African children. BMC Medicine, 2018, 16, 197.	2.3	65
20	Modulation of innate immune responses at birth by prenatal malaria exposure and association with malaria risk during the first year of life. BMC Medicine, 2018, 16, 198.	2.3	24
21	Distinct Helper T Cell Type 1 and 2 Responses Associated With Malaria Protection and Risk in RTS,S/AS01E Vaccinees. Clinical Infectious Diseases, 2017, 65, 746-755.	2.9	25
22	Chronic Exposure to Malaria Is Associated with Inhibitory and Activation Markers on Atypical Memory B Cells and Marginal Zone-Like B Cells. Frontiers in Immunology, 2017, 8, 966.	2.2	45
23	RTS,S/AS01E Malaria Vaccine Induces Memory and Polyfunctional T Cell Responses in a Pediatric African Phase III Trial. Frontiers in Immunology, 2017, 8, 1008.	2.2	34
24	drLumi: An open-source package to manage data, calibrate, and conduct quality control of multiplex bead-based immunoassays data analysis. PLoS ONE, 2017, 12, e0187901.	1.1	25
25	Immunosuppressive and angiogenic cytokine profile associated with Bartonella bacilliformis infection in post-outbreak and endemic areas of Carrion's disease in Peru. PLoS Neglected Tropical Diseases, 2017, 11, e0005684.	1.3	15
26	Controlled human malaria infection by intramuscular and direct venous inoculation of cryopreserved Plasmodium falciparum sporozoites in malaria-naÃ¯ve volunteers: effect of injection volume and dose on infectivity rates. Malaria Journal, 2015, 14, 306.	0.8	78
27	OMIPâ€025: Evaluation of human <scp>T</scp>â€•and <scp>NK</scp>â€•cell responses including memory and follicular helper phenotype by intracellular cytokine staining. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 289-292.	1.1	36
28	Blood Interferon Signatures Putatively Link Lack of Protection Conferred by the RTS,S Recombinant Malaria Vaccine to an Antigen-specific IgE Response. F1000Research, 2015, 4, 919.	0.8	19
29	Quantification of Multiple Cytokines and Chemokines Using Cytometric Bead Arrays. Methods in Molecular Biology, 2014, 1172, 65-86.	0.4	17
30	<scp>OMIP</scp>â€024: Panâ€leukocyte immunophenotypic characterization of <scp>PBMC</scp> subsets in human samples. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 995-998.	1.1	22
31	Cytokine and Antibody Responses to Plasmodium falciparum in NaÃ¯ve Individuals during a First Malaria Episode: Effect of Age and Malaria Exposure. PLoS ONE, 2013, 8, e55756.	1.1	29
32	Cytokine Profiling in Immigrants with Clinical Malaria after Extended Periods of Interrupted Exposure to Plasmodium falciparum. PLoS ONE, 2013, 8, e73360.	1.1	24
33	High Antibody Responses against Plasmodium falciparum in Immigrants after Extended Periods of Interrupted Exposure to Malaria. PLoS ONE, 2013, 8, e73624.	1.1	25
34	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
35	Low antibodies against Plasmodium falciparum and imbalanced pro-inflammatory cytokines are associated with severe malaria in Mozambican children: a caseâ€“control study. Malaria Journal, 2012, 11, 181.	0.8	52
36	Different selection patterns of resistance and cross-resistance to HIV-1 agents targeting CCR5. Journal of Antimicrobial Chemotherapy, 2010, 65, 417-424.	1.3	18

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37	Evaluation of the anti-HIV activity of natalizumab, an antibody against integrin alpha4. Aids, 2009, 23, 266-268.	1.0	16
38	HIV-1 resistance to the anti-HIV activity of a shRNA targeting a dual-coding region. Virology, 2008, 372, 421-429.	1.1	17
39	Anti-HIV Activity and Resistance Profile of the CXC Chemokine Receptor 4 Antagonist POL3026. Molecular Pharmacology, 2008, 73, 1264-1273.	1.0	55
40	HIV-1 escape to CCR5 coreceptor antagonism through selection of CXCR4-using variants in vitro. Aids, 2008, 22, 23-31.	1.0	46
41	Evaluation of the anti-HIV activity of statins. Aids, 2005, 19, 1697-1700.	1.0	53