

Martha Sedegah

List of Publications by Year in descending order

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45
papers

1,079
citations

471509

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414414

32
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docs citations

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times ranked

1264
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#	ARTICLE	IF	CITATIONS
1	Towards large-scale identification of HLA-restricted T cell epitopes from four vaccine candidate antigens in a malaria endemic community in Ghana. <i>Vaccine</i> , 2022, 40, 757-764.	3.8	3
2	CHARM: COVID-19 Health Action Response for Marinesâ€™ Association of antigen-specific interferon-gamma and IL2 responses with asymptomatic and symptomatic infections after a positive qPCR SARS-CoV-2 test. <i>PLoS ONE</i> , 2022, 17, e0266691.	2.5	1
3	Messenger RNA expressing PfCSP induces functional, protective immune responses against malaria in mice. <i>Npj Vaccines</i> , 2021, 6, 84.	6.0	52
4	IMRASâ€™ Immunization with radiation-attenuated <i>Plasmodium falciparum</i> sporozoites by mosquito bite: Cellular immunity to sporozoites, CSP, AMA1, TRAP and CelTOS. <i>PLoS ONE</i> , 2021, 16, e0256396.	2.5	6
5	A three-antigen <i>Plasmodium falciparum</i> DNA primeâ€™ Adenovirus boost malaria vaccine regimen is superior to a two-antigen regimen and protects against controlled human malaria infection in healthy malaria-naïve adults. <i>PLoS ONE</i> , 2021, 16, e0256980.	2.5	10
6	Comparison of the impact of allelic polymorphisms in PfAMA1 on the induction of T Cell responses in high and low malaria endemic communities in Ghana. <i>Malaria Journal</i> , 2021, 20, 367.	2.3	2
7	Comparative analysis of the ex vivo IFN-gamma responses to CD8+ T cell epitopes within allelic forms of PfAMA1 in subjects with natural exposure to malaria. <i>PLoS ONE</i> , 2021, 16, e0257219.	2.5	3
8	An open label study of the safety and efficacy of a single dose of weekly chloroquine and azithromycin administered for malaria prophylaxis in healthy adults challenged with 7G8 chloroquine-resistant <i>Plasmodium falciparum</i> in a controlled human malaria infection model. <i>Malaria Journal</i> , 2020, 19, 336.	2.3	1
9	IMRASâ€™ A clinical trial of mosquito-bite immunization with live, radiation-attenuated <i>P. falciparum</i> sporozoites: Impact of immunization parameters on protective efficacy and generation of a repository of immunologic reagents. <i>PLoS ONE</i> , 2020, 15, e0233840.	2.5	20
10	A Phase IIa Controlled Human Malaria Infection and Immunogenicity Study of RTS,S/AS01E and RTS,S/AS01B Delayed Fractional Dose Regimens in Malaria-Naive Adults. <i>Journal of Infectious Diseases</i> , 2020, 222, 1681-1691.	4.0	29
11	Novel malaria antigen <i>Plasmodium yoelii</i> E140 induces antibody-mediated sterile protection in mice against malaria challenge. <i>PLoS ONE</i> , 2020, 15, e0232234.	2.5	2
12	Identification of <i>Plasmodium falciparum</i> circumsporozoite protein-specific CD8+ T cell epitopes in a malaria exposed population. <i>PLoS ONE</i> , 2020, 15, e0228177.	2.5	4
13	Title is missing!. , 2020, 15, e0228177.		0
14	Title is missing!. , 2020, 15, e0228177.		0
15	Title is missing!. , 2020, 15, e0228177.		0
16	Title is missing!. , 2020, 15, e0228177.		0
17	Antibody-Dependent, Gamma Interferon-Independent Sterilizing Immunity Induced by a Subunit Malaria Vaccine. <i>Infection and Immunity</i> , 2019, 87, .	2.2	6
18	Antigenicity and immune correlate assessment of seven <i>Plasmodium falciparum</i> antigens in a longitudinal infant cohort from northern Ghana. <i>Scientific Reports</i> , 2019, 9, 8621.	3.3	2

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19	T-cell responses against Malaria: Effect of parasite antigen diversity and relevance for vaccine development. <i>Vaccine</i> , 2018, 36, 2237-2242.	3.8	37
20	Development of whole sporozoite malaria vaccines. <i>Expert Review of Vaccines</i> , 2017, 16, 45-54.	4.4	32
21	Cellular immune response to DNA and vaccinia prime-boost immunization kills <i>Plasmodium yoelii</i> -infected hepatocytes in vitro. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	1
22	Development of replication-deficient adenovirus malaria vaccines. <i>Expert Review of Vaccines</i> , 2017, 16, 261-271.	4.4	14
23	New gorilla adenovirus vaccine vectors induce potent immune responses and protection in a mouse malaria model. <i>Malaria Journal</i> , 2017, 16, 263.	2.3	13
24	Protection against <i>Plasmodium falciparum</i> malaria by PfSPZ Vaccine. <i>JCI Insight</i> , 2017, 2, e89154.	5.0	195
25	Mosquito bite immunization with radiation-attenuated <i>Plasmodium falciparum</i> sporozoites: safety, tolerability, protective efficacy and humoral immunogenicity. <i>Malaria Journal</i> , 2016, 15, 377.	2.3	29
26	Vaccine Strain-Specificity of Protective HLA-Restricted Class 1 <i>P. falciparum</i> Epitopes. <i>PLoS ONE</i> , 2016, 11, e0163026.	2.5	14
27	Seroprevalence of Antibodies against <i>Plasmodium falciparum</i> Sporozoite Antigens as Predictive Disease Transmission Markers in an Area of Ghana with Seasonal Malaria Transmission. <i>PLoS ONE</i> , 2016, 11, e0167175.	2.5	14
28	Decrease in circulating CD25 hi Foxp3 + regulatory T cells following vaccination with the candidate malaria vaccine RTS,S. <i>Vaccine</i> , 2016, 34, 4618-4625.	3.8	2
29	Measurement of ex vivo ELISpot interferon-gamma recall responses to <i>Plasmodium falciparum</i> AMA1 and CSP in Ghanaian adults with natural exposure to malaria. <i>Malaria Journal</i> , 2016, 15, 55.	2.3	12
30	Ad35.CS.01 - RTS,S/AS01 Heterologous Prime Boost Vaccine Efficacy against Sporozoite Challenge in Healthy Malaria-Naïve Adults. <i>PLoS ONE</i> , 2015, 10, e0131571.	2.5	97
31	Discovery of Novel <i>Plasmodium falciparum</i> Pre-Erythrocytic Antigens for Vaccine Development. <i>PLoS ONE</i> , 2015, 10, e0136109.	2.5	36
32	Controlled Human Malaria Infection (CHMI) differentially affects cell-mediated and antibody responses to CSP and AMA1 induced by adenovirus vaccines with and without DNA-priming. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2705-2715.	3.3	4
33	The Ex Vivo IFN- γ Enzyme-Linked Immunospot (ELISpot) Assay. <i>Methods in Molecular Biology</i> , 2015, 1325, 197-205.	0.9	9
34	Co-expression of Interleukin-15 Enhances the Protective Immune Responses Induced by Immunization with a Murine Malaria MVA-Based Vaccine Encoding the Circumsporozoite Protein. <i>PLoS ONE</i> , 2015, 10, e0141141.	2.5	1
35	Sterile Immunity to Malaria after DNA Prime/Adenovirus Boost Immunization Is Associated with Effector Memory CD8+ T Cells Targeting AMA1 Class I Epitopes. <i>PLoS ONE</i> , 2014, 9, e106241.	2.5	58
36	Identification of minimal human MHC-restricted CD8+ T-cell epitopes within the <i>Plasmodium falciparum</i> circumsporozoite protein (CSP). <i>Malaria Journal</i> , 2013, 12, 185.	2.3	30

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37	Ex vivo tetramer staining and cell surface phenotyping for early activation markers CD38 and HLA-DR to enumerate and characterize malaria antigen-specific CD8+ T-cells induced in human volunteers immunized with a Plasmodium falciparum adenovirus-vectored malaria vaccine expressing AMA1. <i>Malaria Journal</i> , 2013, 12, 376.	2.3	18
38	Human adenovirus 5-vectored Plasmodium falciparum NMRC-M3V-Ad-PfCA vaccine encoding CSP and AMA1 is safe, well-tolerated and immunogenic but does not protect against controlled human malaria infection. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2165-2177.	3.3	30
39	DNA Prime/Adenovirus Boost Malaria Vaccine Encoding P. falciparum CSP and AMA1 Induces Sterile Protection Associated with Cell-Mediated Immunity. <i>PLoS ONE</i> , 2013, 8, e55571.	2.5	127
40	Adenovirus 5-Vectored P. falciparum Vaccine Expressing CSP and AMA1. Part A: Safety and Immunogenicity in Seronegative Adults. <i>PLoS ONE</i> , 2011, 6, e24586.	2.5	63
41	Vaxfectin® enhances both antibody and in vitro T cell responses to each component of a 5-gene Plasmodium falciparum plasmid DNA vaccine mixture administered at low doses. <i>Vaccine</i> , 2010, 28, 3055-3065.	3.8	14
42	Vaxfectin®, [®] enhances immunogenicity and protective efficacy of P. yoelii circumsporozoite DNA vaccines. <i>Vaccine</i> , 2006, 24, 1921-1927.	3.8	20
43	Immunological Responses of Neonates and Infants to DNA Vaccines. , 2006, 127, 239-252.		4
44	Successful Induction of CD8 T Cell-Dependent Protection Against Malaria by Sequential Immunization with DNA and Recombinant Poxvirus of Neonatal Mice Born to Immune Mothers. <i>Journal of Immunology</i> , 2003, 171, 3148-3153.	0.8	26
45	Persistence of Protective Immunity to Malaria Induced by DNA Priming and Poxvirus Boosting: Characterization of Effector and Memory CD8+-T-Cell Populations. <i>Infection and Immunity</i> , 2002, 70, 3493-3499.	2.2	38