

Susheel K. Singh

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,166
citations

430874

18
h-index

434195

31
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44
all docs

44
docs citations

44
times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally acquired antibody response to a Plasmodium falciparum chimeric vaccine candidate GMZ2.6c and its components (MSP-3, GLURP, and Pfs48/45) in individuals living in Brazilian malaria-endemic areas. <i>Malaria Journal</i> , 2022, 21, 6.	2.3	7
2	Method for Production of Cysteine-Rich Proteins in Lactococcus lactis Expression System. <i>Methods in Molecular Biology</i> , 2022, 2406, 189-203.	0.9	3
3	Antibody Responses Against Plasmodium falciparum MSP3 Protein During Natural Malaria Infection in Individuals Living in Malaria-Endemic Regions of India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2022, , 1-7.	1.0	0
4	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity. <i>Nature Communications</i> , 2021, 12, 324.	12.8	79
5	Suitability of IgG responses to multiple Plasmodium falciparum antigens as markers of transmission intensity and pattern. <i>PLoS ONE</i> , 2021, 16, e0249936.	2.5	2
6	Identification of Single-Nucleotide Polymorphisms in the Mitochondrial Genome and Kelch 13 Gene of Plasmodium falciparum in Different Geographical Populations. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	1.4	1
7	Preclinical development of a Pfs230-Pfs48/45 chimeric malaria transmission-blocking vaccine. <i>Npj Vaccines</i> , 2021, 6, 120.	6.0	14
8	The Plasmodium falciparum circumsporozoite protein produced in Lactococcus lactis is pure and stable. <i>Journal of Biological Chemistry</i> , 2020, 295, 403-414.	3.4	14
9	Comparison of Commercial ELISA Kits to Confirm the Absence of Transmission in Malaria Elimination Settings. <i>Frontiers in Public Health</i> , 2020, 8, 480.	2.7	7
10	Sero-epidemiological evaluation of malaria transmission in The Gambia before and after mass drug administration. <i>BMC Medicine</i> , 2020, 18, 331.	5.5	17
11	Antibody responses to a suite of novel serological markers for malaria surveillance demonstrate strong correlation with clinical and parasitological infection across seasons and transmission settings in The Gambia. <i>BMC Medicine</i> , 2020, 18, 304.	5.5	25
12	Selection of Antibody Responses Associated With Plasmodium falciparum Infections in the Context of Malaria Elimination. <i>Frontiers in Immunology</i> , 2020, 11, 928.	4.8	17
13	Peripheral Merozoite Surface Proteins Are Targets of Naturally Acquired Immunity against Malaria in both India and Ghana. <i>Infection and Immunity</i> , 2020, 88, .	2.2	12
14	Plasmodium falciparum Clag9-Associated PfRhoph Complex Is Involved in Merozoite Binding to Human Erythrocytes. <i>Infection and Immunity</i> , 2020, 88, .	2.2	3
15	A Reproducible and Scalable Process for Manufacturing a Pfs48/45 Based Plasmodium falciparum Transmission-Blocking Vaccine. <i>Frontiers in Immunology</i> , 2020, 11, 606266.	4.8	17
16	Chorismate synthase from malaria parasites is bifunctional enzyme. <i>Molecular and Biochemical Parasitology</i> , 2019, 233, 111202.	1.1	3
17	Pfs230 and Pfs48/45 Fusion Proteins Elicit Strong Transmission-Blocking Antibody Responses Against Plasmodium falciparum. <i>Frontiers in Immunology</i> , 2019, 10, 1256.	4.8	51
18	Breadth of Functional Antibodies Is Associated With Plasmodium falciparum Merozoite Phagocytosis and Protection Against Febrile Malaria. <i>Journal of Infectious Diseases</i> , 2019, 220, 275-284.	4.0	32

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19	Optimisation and standardisation of a multiplex immunoassay of diverse Plasmodium falciparum antigens to assess changes in malaria transmission using sero-epidemiology. Wellcome Open Research, 2019, 4, 26.	1.8	52
20	Optimisation and standardisation of a multiplex immunoassay of diverse Plasmodium falciparum antigens to assess changes in malaria transmission using sero-epidemiology. Wellcome Open Research, 2019, 4, 26.	1.8	40
21	Protein-protein interaction studies reveal the Plasmodium falciparum merozoite surface protein-1 region involved in a complex formation that binds to human erythrocytes. Biochemical Journal, 2018, 475, 1197-1209.	3.7	10
22	Unravelling the immune signature of Plasmodium falciparum transmission-reducing immunity. Nature Communications, 2018, 9, 558.	12.8	83
23	Lactococcus lactis provides an efficient platform for production of disulfide-rich recombinant proteins from Plasmodium falciparum. Microbial Cell Factories, 2018, 17, 55.	4.0	30
24	Cytophilic Antibodies Against Key Plasmodium falciparum Blood Stage Antigens Contribute to Protection Against Clinical Malaria in a High Transmission Region of Eastern India. Journal of Infectious Diseases, 2018, 218, 956-965.	4.0	39
25	Plasmodium falciparum MSP3 Exists in a Complex on the Merozoite Surface and Generates Antibody Response during Natural Infection. Infection and Immunity, 2018, 86, .	2.2	15
26	Dynamics of anti-MSP3 and Pfs230 antibody responses and multiplicity of infection in asymptomatic children from southern Ghana. Parasites and Vectors, 2018, 11, 13.	2.5	20
27	Antibody Responses to Antigenic Targets of Recent Exposure Are Associated With Low-Density Parasitemia in Controlled Human Plasmodium falciparum Infections. Frontiers in Microbiology, 2018, 9, 3300.	3.5	26
28	A novel Pfs38 protein complex on the surface of Plasmodium falciparum blood-stage merozoites. Malaria Journal, 2017, 16, 79.	2.3	15
29	Improving the malaria transmission-blocking activity of a Plasmodium falciparum 48/45 based vaccine antigen by SpyTag/SpyCatcher mediated virus-like display. Vaccine, 2017, 35, 3726-3732.	3.8	60
30	Naturally Acquired Antibodies Target the Glutamate-Rich Protein on Intact Merozoites and Predict Protection Against Febrile Malaria. Journal of Infectious Diseases, 2017, 215, 623-630.	4.0	32
31	Construct design, production, and characterization of Plasmodium falciparum 48/45 R0.6C subunit protein produced in Lactococcus lactis as candidate vaccine. Microbial Cell Factories, 2017, 16, 97.	4.0	37
32	Expression, Purification and Characterization of GMZ2™.10C, a Complex Disulphide-Bonded Fusion Protein Vaccine Candidate against the Asexual and Sexual Life-Stages of the Malaria-Causing Plasmodium falciparum Parasite. Pharmaceutical Research, 2017, 34, 1970-1983.	3.5	10
33	Antibody responses to two new Lactococcus lactis-produced recombinant Pfs48/45 and Pfs230 proteins increase with age in malaria patients living in the Central Region of Ghana. Malaria Journal, 2017, 16, 306.	2.3	36
34	A HR-MS Based Method for the Determination of Chorismate Synthase Activity. Protein and Peptide Letters, 2017, 24, 229-234.	0.9	6
35	Synthetic TLR4 agonists enhance functional antibodies and CD4+ T-cell responses against the Plasmodium falciparum GMZ2.6C multi-stage vaccine antigen. Vaccine, 2016, 34, 2207-2215.	3.8	37
36	A Plasmodium falciparum 48/45 single epitope R0.6C subunit protein elicits high levels of transmission blocking antibodies. Vaccine, 2015, 33, 1981-1986.	3.8	57

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37	Antibody-Dependent Cellular Inhibition Is Associated With Reduced Risk Against Febrile Malaria in a Longitudinal Cohort Study Involving Ghanaian Children. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv044.	0.9	40
38	High-throughput tri-colour flow cytometry technique to assess <i>Plasmodium falciparum</i> parasitaemia in bioassays. <i>Malaria Journal</i> , 2014, 13, 412.	2.3	18
39	A multi-stage malaria vaccine candidate targeting both transmission and asexual parasite life-cycle stages. <i>Vaccine</i> , 2014, 32, 2623-2630.	3.8	88
40	The Malaria Vaccine Candidate GMZ2 Elicits Functional Antibodies in Individuals From Malaria Endemic and Non-Endemic Areas. <i>Journal of Infectious Diseases</i> , 2013, 208, 479-488.	4.0	60
41	Flow cytometric readout based on Mitotracker Red CMXRos staining of live asexual blood stage malarial parasites reliably assesses antibody dependent cellular inhibition. <i>Malaria Journal</i> , 2012, 11, 235.	2.3	28
42	GMZ2 Vaccine-Induced Antibody Responses, Naturally Acquired Immunity and the Incidence of Malaria in Burkinabe Children. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	6
43	Heterologous Expression and Evaluation of Novel <i>Plasmodium falciparum</i> Transmission Blocking Vaccine Candidates. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5