

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	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
2	Unravelling the immune signature of <i>Plasmodium falciparum</i> transmission-reducing immunity. <i>Nature Communications</i> , 2018, 9, 558.	12.8	83
3	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
4	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
5	Improving the malaria transmission-blocking activity of a <i>Plasmodium falciparum</i> 48/45 based vaccine antigen by SpyTag/SpyCatcher mediated virus-like display. <i>Vaccine</i> , 2017, 35, 3726-3732.	3.8	60
6	A <i>Plasmodium falciparum</i> 48/45 single epitope R0.6C subunit protein elicits high levels of transmission blocking antibodies. <i>Vaccine</i> , 2015, 33, 1981-1986.	3.8	57
7	Optimisation and standardisation of a multiplex immunoassay of diverse <i>Plasmodium falciparum</i> antigens to assess changes in malaria transmission using sero-epidemiology. <i>Wellcome Open Research</i> , 2019, 4, 26.	1.8	52
8	Pfs230 and Pfs48/45 Fusion Proteins Elicit Strong Transmission-Blocking Antibody Responses Against <i>Plasmodium falciparum</i> . <i>Frontiers in Immunology</i> , 2019, 10, 1256.	4.8	51
9	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
10	Optimisation and standardisation of a multiplex immunoassay of diverse <i>Plasmodium falciparum</i> antigens to assess changes in malaria transmission using sero-epidemiology. <i>Wellcome Open Research</i> , 2019, 4, 26.	1.8	40
11	Cytophilic Antibodies Against Key <i>Plasmodium falciparum</i> Blood Stage Antigens Contribute to Protection Against Clinical Malaria in a High Transmission Region of Eastern India. <i>Journal of Infectious Diseases</i> , 2018, 218, 956-965.	4.0	39
12	Synthetic TLR4 agonists enhance functional antibodies and CD4+ T-cell responses against the <i>Plasmodium falciparum</i> GMZ2.6C multi-stage vaccine antigen. <i>Vaccine</i> , 2016, 34, 2207-2215.	3.8	37
13	Construct design, production, and characterization of <i>Plasmodium falciparum</i> 48/45 R0.6C subunit protein produced in <i>Lactococcus lactis</i> as candidate vaccine. <i>Microbial Cell Factories</i> , 2017, 16, 97.	4.0	37
14	Antibody responses to two new <i>Lactococcus lactis</i> -produced recombinant Pfs48/45 and Pfs230 proteins increase with age in malaria patients living in the Central Region of Ghana. <i>Malaria Journal</i> , 2017, 16, 306.	2.3	36
15	Naturally Acquired Antibodies Target the Glutamate-Rich Protein on Intact Merozoites and Predict Protection Against Febrile Malaria. <i>Journal of Infectious Diseases</i> , 2017, 215, 623-630.	4.0	32
16	Breadth of Functional Antibodies Is Associated With <i>Plasmodium falciparum</i> Merozoite Phagocytosis and Protection Against Febrile Malaria. <i>Journal of Infectious Diseases</i> , 2019, 220, 275-284.	4.0	32
17	<i>Lactococcus lactis</i> provides an efficient platform for production of disulfide-rich recombinant proteins from <i>Plasmodium falciparum</i> . <i>Microbial Cell Factories</i> , 2018, 17, 55.	4.0	30
18	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

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19	Antibody Responses to Antigenic Targets of Recent Exposure Are Associated With Low-Density Parasitemia in Controlled Human Plasmodium falciparum Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 3300.	3.5	26
20	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
21	Dynamics of anti-MSP3 and Pfs230 antibody responses and multiplicity of infection in asymptomatic children from southern Ghana. <i>Parasites and Vectors</i> , 2018, 11, 13.	2.5	20
22	High-throughput tri-colour flow cytometry technique to assess Plasmodium falciparum parasitaemia in bioassays. <i>Malaria Journal</i> , 2014, 13, 412.	2.3	18
23	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
24	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
25	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
26	A novel Pfs38 protein complex on the surface of Plasmodium falciparum blood-stage merozoites. <i>Malaria Journal</i> , 2017, 16, 79.	2.3	15
27	Plasmodium falciparum MSP3 Exists in a Complex on the Merozoite Surface and Generates Antibody Response during Natural Infection. <i>Infection and Immunity</i> , 2018, 86, .	2.2	15
28	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
29	Preclinical development of a Pfs230-Pfs48/45 chimeric malaria transmission-blocking vaccine. <i>Npj Vaccines</i> , 2021, 6, 120.	6.0	14
30	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
31	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. <i>Pharmaceutical Research</i> , 2017, 34, 1970-1983.	3.5	10
32	Protein-protein interaction studies reveal the Plasmodium falciparum merozoite surface protein-1 region involved in a complex formation that binds to human erythrocytes. <i>Biochemical Journal</i> , 2018, 475, 1197-1209.	3.7	10
33	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
34	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
35	A HR-MS Based Method for the Determination of Chorismate Synthase Activity. <i>Protein and Peptide Letters</i> , 2017, 24, 229-234.	0.9	6
36	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

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37	Heterologous Expression and Evaluation of Novel Plasmodium falciparum Transmission Blocking Vaccine Candidates. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5
38	Chorismate synthase from malaria parasites is bifunctional enzyme. <i>Molecular and Biochemical Parasitology</i> , 2019, 233, 111202.	1.1	3
39	Plasmodium falciparum Clag9-Associated PfRhophH Complex Is Involved in Merozoite Binding to Human Erythrocytes. <i>Infection and Immunity</i> , 2020, 88, .	2.2	3
40	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
41	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
42	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
43	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