David Cavanagh

List of Publications by Year
in descending order

38 papers	1,465 citations	394286 19 h-index	330025 37 g-index
42 all docs	42 docs citations	42 times ranked	1698 citing authors

#	Article	IF	Citations
1	Breadth and Magnitude of Antibody Responses to MultiplePlasmodium falciparumMerozoite Antigens Are Associated with Protection from Clinical Malaria. Infection and Immunity, 2008, 76, 2240-2248.	1.0	342
2	Serum IgG3 to the Plasmodium falciparum merozoite surface protein 2 is strongly associated with a reduced prospective risk of malaria. Parasite Immunology, 2003, 25, 307-312.	0.7	122
3	Antibodies to the N-Terminal Block 2 of Plasmodium falciparum Merozoite Surface Protein 1 Are Associated with Protection against Clinical Malaria. Infection and Immunity, 2004, 72, 6492-6502.	1.0	95
4	Infrequent point mutations in codons 12 and 61 of ras oncogenes in human hepatocellular carcinomas. Journal of Hepatology, 1992, 14, 342-346.	1.8	65
5	Differential Patterns of Human Immunoglobulin G Subclass Responses to Distinct Regions of a Single Protein, the Merozoite Surface Protein 1 of Plasmodium falciparum. Infection and Immunity, 2001, 69, 1207-1211.	1.0	64
6	Repeat Sequences in Block 2 of Plasmodium falciparum Merozoite Surface Protein 1 Are Targets of Antibodies Associated with Protection from Malaria. Infection and Immunity, 2003, 71, 1833-1842.	1.0	63
7	Antigenicity of recombinant proteins derived from Plasmodium falciparum merozoite surface protein 1. Molecular and Biochemical Parasitology, 1997, 85, 197-211.	0.5	60
8	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
9	Î±2-Macroglobulin Can Crosslink Multiple Plasmodium falciparum Erythrocyte Membrane Protein 1 (PfEMP1) Molecules and May Facilitate Adhesion of Parasitized Erythrocytes. PLoS Pathogens, 2015, 11, e1005022.	2.1	53
10	Levels of Plasma Immunoglobulin G with Specificity against the Cysteine-Rich Interdomain Regions of a Semiconserved Plasmodium falciparum Erythrocyte Membrane Protein 1, VAR4, Predict Protection against Malarial Anemia and Febrile Episodes. Infection and Immunity, 2006, 74, 2867-2875.	1.0	48
11	Plasmodium falciparum 19-Kilodalton Merozoite Surface Protein 1 (MSP1)-Specific Antibodies That Interfere with Parasite GrowthIn VitroCan Inhibit MSP1 Processing, Merozoite Invasion, and Intracellular Parasite Development. Infection and Immunity, 2012, 80, 1280-1287.	1.0	44
12	Diversity Covering AMA1-MSP1 ₁₉ Fusion Proteins as Malaria Vaccines. Infection and Immunity, 2013, 81, 1479-1490.	1.0	35
13	Comparative Testing of Six Antigen-Based Malaria Vaccine Candidates Directed Toward Merozoite-StagePlasmodium falciparum. Vaccine Journal, 2008, 15, 1345-1355.	3.2	34
14	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	33
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	Exposure, infection, systemic cytokine levels and antibody responses in young children concurrently exposed to schistosomiasis and malaria. Parasitology, 2011, 138, 1519-1533.	0.7	29
17	Isolation of a monoclonal antibody from a malaria patient-derived phage display library recognising the Block 2 region of Plasmodium falciparum merozoite surface protein-1. Molecular and Biochemical Parasitology, 2001, 112, 143-147.	0.5	23
18	Abnormal proliferation and spontaneous differentiation of myoblasts from a symptomatic female carrier of X-linked Emeryâ€“Dreifuss muscular dystrophy. Neuromuscular Disorders, 2015, 25, 127-136.	0.3	21

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19	A Malaria Vaccine Based on the Polymorphic Block 2 Region of MSP-1 that Elicits a Broad Serotype-Spanning Immune Response. PLoS ONE, 2011, 6, e26616.	1.1	21
20	Extensive Antigenic Polymorphism within the Repeat Sequence of the Plasmodium falciparum Merozoite Surface Protein 1 Block 2 Is Incorporated in a Minimal Polyvalent Immunogen. Infection and Immunity, 2005, 73, 5928-5935.	1.0	19
21	Antibody and <scp>T</scp>â€cell responses associated with experimental human malaria infection or vaccination show limited relationships. Immunology, 2015, 145, 71-81.	2.0	19
22	Optimization of incubation conditions of Plasmodium falciparum antibody multiplex assays to measure IgG, IgG1â€“4, IgM and IgE using standard and customized reference pools for sero-epidemiological and vaccine studies. Malaria Journal, 2018, 17, 219.	0.8	19
23	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
24	Development and evaluation of a multiplex screening assay for Plasmodium falciparum exposure. Journal of Immunological Methods, 2012, 384, 62-70.	0.6	17
25	A Novel Malaria Vaccine Candidate Antigen Expressed in Tetrahymena thermophila. PLoS ONE, 2014, 9, e87198.	1.1	17
26	Antibody responses to the RTS,S/AS01E vaccine and Plasmodium falciparum antigens after a booster dose within the phase 3 trial in Mozambique. Npj Vaccines, 2020, 5, 46.	2.9	15
27	Structural and Functional Role of Threonine 112 in a SuperantigenStaphylococcus aureus Enterotoxin B. Journal of Biological Chemistry, 2002, 277, 2756-2762.	1.6	14
28	Screening trematodes for novel intervention targets: a proteomic and immunological comparison of Schistosoma haematobium, Schistosoma bovis and Echinostoma caproni. Parasitology, 2011, 138, 1607-1619.	0.7	12
29	FcÎ³RIIa Polymorphism and Antiâ€Malariaâ€Specific IgG and IgG Subclass Responses in Populations Differing in Susceptibility to Malaria in Burkina Faso. Scandinavian Journal of Immunology, 2012, 75, 606-613.	1.3	12
30	Antibody Responses to a Novel Plasmodium falciparum Merozoite Surface Protein Vaccine Correlate with Protection against Experimental Malaria Infection in Aotus Monkeys. PLoS ONE, 2014, 9, e83704.	1.1	10
31	Regulation of the Escherichia coli uvrD gene in vivo. Journal of Bacteriology, 1987, 169, 3435-3440.	1.0	9
32	Influenza virosomes: a flu jab for malaria?. Trends in Parasitology, 2008, 24, 382-385.	1.5	9
33	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
34	Is Fc gamma receptor IIA (FcÎ³RIIA) polymorphism associated with clinical malaria and Plasmodium falciparum specific antibody levels in children from Burkina Faso?. Acta Tropica, 2015, 142, 41-46.	0.9	8
35	Plasmodium falciparum and Helminth Coinfections Increase IgE and Parasite-Specific IgG Responses. Microbiology Spectrum, 2021, 9, e0110921.	1.2	8
36	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

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37	High throughput immuno-screening of cDNA expression libraries produced by in vitro recombination; exploring the Plasmodium falciparum proteome. Molecular and Biochemical Parasitology, 2004, 133, 267-274.	0.5	3
38	Merozoite surface protein 3.3C-specific antibodies block the intraerythrocytic development of Plasmodium falciparum and induce parasite apoptosis. Malaria Journal, 2012, 11, .	0.8	0