Thor G Theander

List of Publications by Year
in descending order

251 papers	16,202 citations	17440 63 h-index	22832 112 g-index
253 all docs	253 docs citations	253 times ranked	9730 citing authors

#	Article	IF	Citations
1	First Results of Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Children. New England Journal of Medicine, 2011, 365, 1863-1875.	27.0	773
2	A Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Infants. New England Journal of Medicine, 2012, 367, 2284-2295.	27.0	653
3	Selective upregulation of a single distinctly structured var gene in chondroitin sulphate A-adhering Plasmodium falciparum involved in pregnancy-associated malaria. Molecular Microbiology, 2003, 49, 179-191.	2.5	648
4	Evidence for the Involvement of VAR2CSA in Pregnancy-associated Malaria. Journal of Experimental Medicine, 2004, 200, 1197-1203.	8.5	518
5	Severe malaria is associated with parasite binding to endothelial protein C receptor. Nature, 2013, 498, 502-505.	27.8	460
6	Efficacy and Safety of the RTS,S/AS01 Malaria Vaccine during 18 Months after Vaccination: A Phase 3 Randomized, Controlled Trial in Children and Young Infants at 11 African Sites. PLoS Medicine, 2014, 11, e1001685.	8.4	367
7	Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. New England Journal of Medicine, 2015, 373, 2025-2037.	27.0	332
8	Plasmodium falciparum Erythrocyte Membrane Protein 1 Diversity in Seven Genomes â€“ Divide and Conquer. PLoS Computational Biology, 2010, 6, e1000933.	3.2	302
9	Sub-grouping of Plasmodium falciparum 3D7 var genes based on sequence analysis of coding and non-coding regions. Malaria Journal, 2003, 2, 27.	2.3	296
10	Plasmodium falciparum Associated with Severe Childhood Malaria Preferentially Expresses PfEMP1 Encoded by Group A var Genes. Journal of Experimental Medicine, 2004, 199, 1179-1190.	8.5	292
11	Plasma Antibodies from Malaria-Exposed Pregnant Women Recognize Variant Surface Antigens on Plasmodium falciparum-Infected Erythrocytes in a Parity-Dependent Manner and Block Parasite Adhesion to Chondroitin Sulfate A. Journal of Immunology, 2000, 165, 3309-3316.	0.8	280
12	Plasmodium falciparum erythrocyte membrane protein 1 domain cassettes 8 and 13 are associated with severe malaria in children. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1791-800.	7.1	232
13	PfSETvs methylation of histone H3K36 represses virulence genes in Plasmodium falciparum. Nature, 2013, 499, 223-227.	27.8	219
14	Inhibition of Fumarate Reductase in Leishmania major and L. donovani by Chalcones. Antimicrobial Agents and Chemotherapy, 2001, 45, 2023-2029.	3.2	189
15	Plasmodium falciparum Variant Surface Antigen Expression Varies Between Isolates Causing Severe and Nonsevere Malaria and Is Modified by Acquired Immunity. Journal of Immunology, 2002, 168, 3444-3450.	0.8	182
16	Differential Expression of var Gene Groups Is Associated with Morbidity Caused by Plasmodium falciparum Infection in Tanzanian Children. Infection and Immunity, 2006, 74, 3904-3911.	2.2	180
17	Detection of Very Low Level Plasmodium falciparum Infections using the Nested Polymerase Chain Reaction and a Reassessment of the Epidemiology of Unstable Malaria in Sudan. American Journal of Tropical Medicine and Hygiene, 1996, 54, 325-331.	1.4	172
18	Targeting Human Cancer by a Glycosaminoglycan Binding Malaria Protein. Cancer Cell, 2015, 28, 500-514.	16.8	169

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19	The antileishmanial activity of novel oxygenated chalcones and their mechanism of action. Journal of Antimicrobial Chemotherapy, 1999, 43, 793-803.	3.0	165
20	High Level ofvar2csaTranscription byPlasmodium falciparumIsolated from the Placenta. Journal of Infectious Diseases, 2005, 192, 331-335.	4.0	162
21	Bacterial superglue enables easy development of efficient virus-like particle based vaccines. Journal of Nanobiotechnology, 2016, 14, 30.	9.1	161
22	Detection of antibodies to variant antigens onPlasmodium falciparum-infected erythrocytes by flow cytometry. , 1999, 35, 329-336.		157
23	Structural and Functional Insight into How the Plasmodium falciparum VAR2CSA Protein Mediates Binding to Chondroitin Sulfate A in Placental Malaria. Journal of Biological Chemistry, 2012, 287, 23332-23345.	3.4	154
24	Structural Conservation Despite Huge Sequence Diversity Allows EPCR Binding by the PfEMP1 Family Implicated in Severe Childhood Malaria. Cell Host and Microbe, 2015, 17, 118-129.	11.0	141
25	Structure-Guided Identification of a Family of Dual Receptor-Binding PfEMP1 that Is Associated with Cerebral Malaria. Cell Host and Microbe, 2017, 21, 403-414.	11.0	140
26	Effect of intermittent treatment with amodiaquine on anaemia and malarial fevers in infants in Tanzania: a randomised placebo-controlled trial. Lancet, The, 2003, 361, 1853-1860.	13.7	132
27	Altitudeâ€Dependent and â€Independent Variations inPlasmodium falciparumPrevalence in Northeastern Tanzania. Journal of Infectious Diseases, 2005, 191, 1589-1598.	4.0	131
28	Malaria-Induced Acquisition of Antibodies to Plasmodium falciparum Variant Surface Antigens. Infection and Immunity, 2002, 70, 2982-2988.	2.2	118
29	High levels of plasma IL-10 and expression of IL-10 by keratinocytes during visceral leishmaniasis predict subsequent development of post-kala-azar dermal leishmaniasis. Clinical and Experimental Immunology, 2001, 111, 64-69.	2.6	116
30	A progressive declining in the burden of malaria in north-eastern Tanzania. Malaria Journal, 2010, 9, 216.	2.3	113
31	Sequential, Ordered Acquisition of Antibodies to Plasmodium falciparum Erythrocyte Membrane Protein 1 Domains. Journal of Immunology, 2009, 183, 3356-3363.	0.8	111
32	First-in-human, Randomized, Double-blind Clinical Trial of Differentially Adjuvanted PAMVAC, A Vaccine Candidate to Prevent Pregnancy-associated Malaria. Clinical Infectious Diseases, 2019, 69, 1509-1516.	5.8	111
33	Antibodies to variable Plasmodium falciparum-infected erythrocyte surface antigens are associated with protection from novel malaria infections. Immunology Letters, 2000, 71, 117-126.	2.5	109
34	The VAR2CSA malaria protein efficiently retrieves circulating tumor cells in an EpCAM-independent manner. Nature Communications, 2018, 9, 3279.	12.8	109
35	Levels of Antibody to Conserved Parts ofPlasmodium falciparumMerozoite Surface Protein 1 in Ghanaian Children Are Not Associated with Protection from Clinical Malaria. Infection and Immunity, 1999, 67, 2131-2137.	2.2	108
36	Full-Length Recombinant Plasmodium falciparum VAR2CSA Binds Specifically to CSPG and Induces Potent Parasite Adhesion-Blocking Antibodies. Journal of Molecular Biology, 2010, 397, 826-834.	4.2	106

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37	Naturally Acquired Antibodies to the Glutamateâ€Rich Protein Are Associated with Protection againstPlasmodium falciparumMalaria. Journal of Infectious Diseases, 2000, 181, 1202-1205.	4.0	104
38	Detection of antibodies to variant antigens on Plasmodium falciparumâ€infected erythrocytes by flow cytometry. Cytometry, 1999, 35, 329-336.	1.8	103
39	A Novel Domain Cassette Identifies Plasmodium falciparum PfEMP1 Proteins Binding ICAM-1 and Is a Target of Cross-Reactive, Adhesion-Inhibitory Antibodies. Journal of Immunology, 2013, 190, 240-249.	0.8	101
40	Human pregnancy-associated malaria-specific B cells target polymorphic, conformational epitopes in VAR2CSA. Molecular Microbiology, 2007, 63, 335-347.	2.5	97
41	The contrasting roles of CD4+ T cells in intracellular infections in humans: leishmaniasis as an example. Trends in Immunology, 1996, 17, 13-16.	7.5	95
42	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.	2.2	95
43	Expression of Plasmodium falciparum erythrocyte membrane protein 1 in experimentally infected humans. Malaria Journal, 2005, 4, 21.	2.3	95
44	Antibodies to Variant Antigens on the Surfaces of Infected Erythrocytes Are Associated with Protection from Malaria in Ghanaian Children. Infection and Immunity, 2001, 69, 3713-3718.	2.2	92
45	Induction of Adhesion-Inhibitory Antibodies against PlacentalPlasmodium falciparumParasites by Using Single Domains of VAR2CSA. Infection and Immunity, 2009, 77, 2482-2487.	2.2	92
46	Surface Co-Expression of Two Different PfEMP1 Antigens on Single Plasmodium falciparum-Infected Erythrocytes Facilitates Binding to ICAM1 and PECAM1. PLoS Pathogens, 2010, 6, e1001083.	4.7	88
47	Antiprotozoal Compounds from Asparagus africanus. Journal of Natural Products, 1997, 60, 1017-1022.	3.0	83
48	Epitope Mapping and Topographic Analysis of VAR2CSA DBL3X Involved in P. falciparum Placental Sequestration. PLoS Pathogens, 2006, 2, e124.	4.7	83
49	Virus-like particle display of HER2 induces potent anti-cancer responses. OncoImmunology, 2018, 7, e1408749.	4.6	82
50	T-cell response in human leishmaniasis. Immunology Letters, 1999, 65, 105-108.	2.5	81
51	Plasmodium falciparum var genes expressed in children with severe malaria encode <scp>CIDR</scp> Î±1 domains. EMBO Molecular Medicine, 2016, 8, 839-850.	6.9	81
52	Nine-Year Longitudinal Study of Antibodies to Variant Antigens on the Surface ofPlasmodium falciparum-Infected Erythrocytes. Infection and Immunity, 1999, 67, 4092-4098.	2.2	81
53	Transient depletion of T cells with high LFA-1 expression from peripheral circulation during acutePlasmodium falciparum malaria. European Journal of Immunology, 1991, 21, 1249-1253.	2.9	80
54	Dynamics of Antiâ€VAR2CSA Immunoglobulin G Response in a Cohort of Senegalese Pregnant Women. Journal of Infectious Diseases, 2006, 193, 713-720.	4.0	79

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55	Placental Sequestration of Plasmodium falciparum Malaria Parasites Is Mediated by the Interaction Between VAR2CSA and Chondroitin Sulfate A on Syndecan-1. PLoS Pathogens, 2016, 12, e1005831.	4.7	79
56	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity. Nature Communications, 2021, 12, 324.	12.8	79
57	Occurrence of the Southeast Asian/South American SVMNT Haplotype of the Chloroquineâ€Resistance Transporter Gene inPlasmodium falciparumin Tanzania. Journal of Infectious Diseases, 2006, 193, 1738-1741.	4.0	78
58	Seasonal changes in the Plasmodium falciparum population in individuals and their relationship to clinical malaria: a longitudinal study in a Sudanese village. Parasitology, 1998, 116, 501-510.	1.5	77
59	The Chondroitin Sulfate A-binding Site of the VAR2CSA Protein Involves Multiple N-terminal Domains. Journal of Biological Chemistry, 2011, 286, 15908-15917.	3.4	77
60	Structural Insight into Epitopes in the Pregnancy-Associated Malaria Protein VAR2CSA. PLoS Pathogens, 2008, 4, e42.	4.7	74
61	Two New Antiprotozoal 5-Methylcoumarins fromVernonia brachycalyx. Journal of Natural Products, 1997, 60, 458-461.	3.0	70
62	The epidemiology of febrile malaria episodes in an area of unstable and seasonal transmission. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2000, 94, 645-651.	1.8	68
63	Plasmodium falciparumMutant Haplotype Infection during Pregnancy Associated with Reduced Birthweight, Tanzania. Emerging Infectious Diseases, 2013, 19, .	4.3	68
64	Parasites Causing Cerebral Falciparum Malaria Bind Multiple Endothelial Receptors and Express EPCR and ICAM-1-Binding PfEMP1. Journal of Infectious Diseases, 2017, 215, 1918-1925.	4.0	65
65	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.	2.2	64
66	Programmed Transcription of the var Gene Family, but Not of stevor , in Plasmodium falciparum Gametocytes. Eukaryotic Cell, 2006, 5, 1206-1214.	3.4	63
67	Chronic Plasmodium falciparum infections in an area of low intensity malaria transmission in the Sudan. Parasitology, 2000, 120, 447-456.	1.5	62
68	A marked seasonality of malaria transmsission in two rural sites in eastern Sudan. Acta Tropica, 2002, 83, 71-82.	2.0	62
69	The Severity of Plasmodium falciparum Infection Is Associated with Transcript Levels of var Genes Encoding Endothelial Protein C Receptor-Binding P. falciparum Erythrocyte Membrane Protein 1. Infection and Immunity, 2017, 85, .	2.2	62
70	Evaluation of the polymerase chain reaction in the diagnosis of cutaneous leishmaniasis due to Leishmania major: a comparison with direct microscopy of smears and sections from lesions. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1996, 90, 133-135.	1.8	61
71	Malaria morbidity and immunity among residents of villages with different Plasmodium falciparum transmission intensity in North-Eastern Tanzania. Malaria Journal, 2004, 3, 26.	2.3	61
72	Hierarchical, Domain Type-Specific Acquisition of Antibodies to Plasmodium falciparum Erythrocyte Membrane Protein 1 in Tanzanian Children. Infection and Immunity, 2010, 78, 4653-4659.	2.2	61

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73	Accuracy of malaria rapid diagnostic tests in community studies and their impact on treatment of malaria in an area with declining malaria burden in north-eastern Tanzania. Malaria Journal, 2011, 10, 176.	2.3	60
74	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
75	Five-Year Surveillance of Molecular Markers of Plasmodium falciparum Antimalarial Drug Resistance in Korogwe District, Tanzania: Accumulation of the 581G Mutation in the P. falciparum Dihydropteroate Synthase Gene. American Journal of Tropical Medicine and Hygiene, 2009, 80, 523-527.	1.4	60
76	Leishmania-specific T cells expressing interferon-gamma (IFN-Î³) and IL-10 upon activation are expanded in individuals cured of visceral leishmaniasis. Clinical and Experimental Immunology, 1999, 116, 500-504.	2.6	59
77	Expression of the Domain Cassette 8 Plasmodium falciparum Erythrocyte Membrane Protein 1 Is Associated with Cerebral Malaria in Benin. PLoS ONE, 2013, 8, e68368.	2.5	59
78	Immunopathology of post kala-azar dermal leishmaniasis (PKDL): T-cell phenotypes and cytokine profile. Journal of Pathology, 1999, 189, 615-622.	4.5	58
79	Baculovirus-Expressed Constructs Induce Immunoglobulin G That Recognizes VAR2CSA on Plasmodium falciparum- Infected Erythrocytes. Infection and Immunity, 2006, 74, 4357-4360.	2.2	58
80	Suppression of Parasite-Specific Response in Plasmodium falciparum Malaria. A Longitudinal Study of Blood Mononculear Cell Proliferation and Subset Composition. Scandinavian Journal of Immunology, 1986, 24, 73-81.	2.7	57
81	The Plasmodium falciparum var gene transcription strategy at the onset of blood stage infection in a human volunteer. Parasitology International, 2009, 58, 478-480.	1.3	57
82	Oncofetal Chondroitin Sulfate Glycosaminoglycans Are Key Players in Integrin Signaling and Tumor Cell Motility. Molecular Cancer Research, 2016, 14, 1288-1299.	3.4	57
83	Factors associated with and causes of perinatal mortality in northeastern Tanzania. Acta Obstetricia Et Gynecologica Scandinavica, 2012, 91, 1061-1068.	2.8	55
84	limonoids from Khaya senegalensis. Phytochemistry, 1998, 49, 1769-1772.	2.9	54
85	VAR2CSA Expression on the Surface of Placentaâ€DerivedPlasmodium falciparumâ€“Infected Erythrocytes. Journal of Infectious Diseases, 2008, 198, 1071-1074.	4.0	54
86	Synthesis of antiparasitic licorice chalcones. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 449-452.	2.2	53
87	A Novel Virus-Like Particle Based Vaccine Platform Displaying the Placental Malaria Antigen VAR2CSA. PLoS ONE, 2015, 10, e0143071.	2.5	53
88	A semi-automated multiplex high-throughput assay for measuring IgG antibodies against Plasmodium falciparum erythrocyte membrane protein 1 (PfEMP1) domains in small volumes of plasma. Malaria Journal, 2008, 7, 108.	2.3	52
89	Loss of cellular immune reactivity during acutePlasmodium falciparummalaria. FEMS Microbiology Letters, 1991, 76, 219-228.	1.8	51
90	The potential antileishmanial activity of some Sudanese medicinal plants. Phytotherapy Research, 1998, 12, 576-579.	5.8	50

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91	Overlapping antigenic repertoires of variant antigens expressed on the surface of erythrocytes infected by Plasmodium falciparum. Parasitology, 1999, 119, 7-17.	1.5	49
92	The development of post-kala-azar dermal leishmaniasis (PKDL) is associated with acquisition of Leishmania reactivity by peripheral blood mononuclear cells (PBMC). Clinical and Experimental Immunology, 2000, 119, 523-529.	2.6	49
93	In vitro selection of Plasmodium falciparum 3D7 for expression of variant surface antigens associated with severe malaria in African children. Parasite Immunology, 2003, 25, 421-427.	1.5	49
94	Capture and Detection of Circulating Glioma Cells Using the Recombinant VAR2CSA Malaria Protein. Cells, 2019, 8, 998.	4.1	49
95	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.	2.2	48
96	Bacterial superglue generates a full-length circumsporozoite protein virus-like particle vaccine capable of inducing high and durable antibody responses. Malaria Journal, 2016, 15, 545.	2.3	48
97	A SIMPLE, HIGH-THROUGHPUT METHOD TO DETECT PLASMODIUM FALCIPARUM SINGLE NUCLEOTIDE POLYMORPHISMS IN THE DIHYDROFOLATE REDUCTASE, DIHYDROPTEROATE SYNTHASE, AND P. FALCIPARUM CHLOROQUINE RESISTANCE TRANSPORTER GENES USING POLYMERASE CHAIN REACTIONâ€“ AND ENZYME-LINKED IMMUNOSORBENT ASSAYâ€“BASED TECHNOLOGY. American Journal of Tropical Medicine and Hygiene, 2005, 72, 155-162.	1.4	48
98	Evidence of Endothelial Inflammation, T Cell Activation, and T Cell Reallocation in Uncomplicated Plasmodium Falciparum Malaria. American Journal of Tropical Medicine and Hygiene, 1994, 51, 372-379.	1.4	47
99	Increased plasma levels of soluble ICAM-1 and ELAM-1 (E-Selectin) during acute Plasmodium falciparum malaria. Immunology Letters, 1993, 36, 51-58.	2.5	46
100	Characterization of the Local and Systemic Immune Responses in Patients with Cutaneous Leishmaniasis Due toLeishmania major. Clinical Immunology, 1999, 91, 314-320.	3.2	46
101	High efficacy of anti DBL4É›-VAR2CSA antibodies in inhibition of CSA-binding Plasmodium falciparum-infected erythrocytes from pregnant women. Vaccine, 2011, 29, 437-443.	3.8	46
102	Protein C system defects inflicted by the malaria parasite protein PfEMP1 can be overcome by a soluble EPCR variant. Thrombosis and Haemostasis, 2015, 114, 1038-1048.	3.4	46
103	Chondroitin sulphate A (CSA)-binding of single recombinant Duffy-binding-like domains is not restricted to Plasmodium falciparum Erythrocyte Membrane Protein 1 expressed by CSA-binding parasites. International Journal for Parasitology, 2009, 39, 1195-1204.	3.1	45
104	IgG Antibodies to Endothelial Protein C Receptor-Binding Cysteine-Rich Interdomain Region Domains of Plasmodium falciparum Erythrocyte Membrane Protein 1 Are Acquired Early in Life in Individuals Exposed to Malaria. Infection and Immunity, 2015, 83, 3096-3103.	2.2	45
105	A proof-of-concept study for the design of a VLP-based combinatorial HPV and placental malaria vaccine. Scientific Reports, 2019, 9, 5260.	3.3	45
106	Leishmania resistant to sodium stibogluconate: drug-associated macrophage-dependent killing. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1994, 80, 569-574.	0.8	44
107	Plasmodium falciparum Transcriptome Analysis Reveals Pregnancy Malaria Associated Gene Expression. PLoS ONE, 2008, 3, e1855.	2.5	44
108	Antibodies against PfEMP1, RIFIN, MSP3 and GLURP Are Acquired during Controlled Plasmodium falciparum Malaria Infections in NaÃ¯ve Volunteers. PLoS ONE, 2011, 6, e29025.	2.5	44

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109	IgG Responses to Anopheles gambiae Salivary Antigen gSG6 Detect Variation in Exposure to Malaria Vectors and Disease Risk. PLoS ONE, 2012, 7, e40170.	2.5	44
110	Selection of Glutamate-Rich Protein Long Synthetic Peptides for Vaccine Development: Antigenicity and Relationship with Clinical Protection and Immunogenicity. Infection and Immunity, 2001, 69, 5223-5229.	2.2	43
111	A sub-family of common and highly conserved Plasmodium falciparum var genes. Molecular and Biochemical Parasitology, 2002, 122, 111-115.	1.1	43
112	Geographical and Temporal Conservation of Antibody Recognition of Plasmodium falciparum Variant Surface Antigens. Infection and Immunity, 2004, 72, 3531-3535.	2.2	43
113	Malaria in areas of unstable and seasonal transmission. Lessons from Daraweesh. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1998, 92, 589-592.	1.8	42
114	The Influence of Sub-Unit Composition and Expression System on the Functional Antibody Response in the Development of a VAR2CSA Based Plasmodium falciparum Placental Malaria Vaccine. PLoS ONE, 2015, 10, e0135406.	2.5	42
115	Antiprotozoal Properties of 16,17-Dihydroxybrachycalyxolide fromVernonia brachycalyx. Planta Medica, 1998, 64, 559-562.	1.3	41
116	Eleven years of malaria surveillance in a Sudanese village highlights unexpected variation in individual disease susceptibility and outbreak severity. Parasitology, 2004, 129, 263-271.	1.5	41
117	Malaria in Early Pregnancy and the Development of the Placental Vasculature. Journal of Infectious Diseases, 2019, 220, 1425-1434.	4.0	40
118	Development of a Fetal Weight Chart Using Serial Trans-Abdominal Ultrasound in an East African Population: A Longitudinal Observational Study. PLoS ONE, 2012, 7, e44773.	2.5	39
119	Changes in var gene mRNA levels during erythrocytic development in two phenotypically distinct Plasmodium falciparum parasites. Malaria Journal, 2007, 6, 78.	2.3	38
120	Activation of Human T Lymphocytes by Leishmania Lipophosphoglycan. Scandinavian Journal of Immunology, 1991, 33, 219-224.	2.7	37
121	A new portable device for automatic controlled-gradient cryopreservation of blood mononuclear cells. Journal of Immunological Methods, 1993, 157, 135-142.	1.4	37
122	An Antileishmanial Chalcone from Chinese Licorice Roots. Planta Medica, 1994, 60, 121-123.	1.3	37
123	Clinical pattern of severe Plasmodium falciparum malaria in Sudan in an area characterized by seasonal and unstable malaria transmission. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2005, 99, 243-251.	1.8	37
124	Cytophilic antibodies to Plasmodium falciparum glutamate rich protein are associated with malaria protection in an area of holoendemic transmission. Malaria Journal, 2005, 4, 48.	2.3	37
125	Several domains from VAR2CSA can induce Plasmodium falciparum adhesion-blocking antibodies. Malaria Journal, 2010, 9, 11.	2.3	37
126	Malaria and Fetal Growth Alterations in the 3rd Trimester of Pregnancy: A Longitudinal Ultrasound Study. PLoS ONE, 2013, 8, e53794.	2.5	37

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127	Interferon-Î³- and Tumour Necrosis Factor-Î±-Producing Cells in Humans who are Immune to Cutaneous Leishmaniasis. Scandinavian Journal of Immunology, 1999, 49, 655-659.	2.7	36
128	Prevalence of Single Nucleotide Polymorphisms in the Plasmodium falciparum Multidrug Resistance Gene (Pfmdr-1) in Korogwe District in Tanzania Before and After Introduction of Artemisinin-Based Combination Therapy. American Journal of Tropical Medicine and Hygiene, 2011, 85, 979-983.	1.4	36
129	Multilaboratory Approach to Preclinical Evaluation of Vaccine Immunogens for Placental Malaria. Infection and Immunity, 2013, 81, 487-495.	2.2	36
130	Plasmodium falciparum Expressing Domain Cassette 5 Type PfEMP1 (DC5-PfEMP1) Bind PECAM1. PLoS ONE, 2013, 8, e69117.	2.5	36
131	DNA secondary structures are associated with recombination in major Plasmodium falciparum variable surface antigen gene families. Nucleic Acids Research, 2014, 42, 2270-2281.	14.5	36
132	A simple, high-throughput method to detect Plasmodium falciparum single nucleotide polymorphisms in the dihydrofolate reductase, dihydropteroate synthase, and P. falciparum chloroquine resistance transporter genes using polymerase chain reaction- and enzyme-linked immunosorbent assay-based technology. American Journal of Tropical Medicine and Hygiene, 2005, 72, 155-62.	1.4	36
133	Reduced cellular immune reactivity in healthy individuals during the malaria transmission season. Immunology Letters, 1990, 25, 237-242.	2.5	35
134	Interleukin-4 and Interferon-Gamma Production by Leishmania Stimulated Peripheral Blood Mononuclear Cells from Nonexposed Individuals. Scandinavian Journal of Immunology, 1995, 41, 343-349.	2.7	35
135	Cellular and Humoral Immune Responses in a Population from the Baringo District, Kenya to Leishmania Promastigote lipophosphoglycan. American Journal of Tropical Medicine and Hygiene, 1992, 46, 480-488.	1.4	35
136	Serological Evidence of Discrete Spatial Clusters of Plasmodium falciparum Parasites. PLoS ONE, 2011, 6, e21711.	2.5	34
137	Cell-mediated immune responses to Plasmodium falciparum purified soluble antigens in sickle-cell trait subjects. Immunology Letters, 1990, 25, 243-249.	2.5	33
138	Humoral and Cellular Immune Responses to Synthetic Peptides of theLeishmania donovaniKinetoplastid Membrane Proteinâ€11. Scandinavian Journal of Immunology, 1998, 48, 103-109.	2.7	33
139	Serodiagnosis of Leishmania donovani infections: assessment of enzyme-linked immunosorbent assays using recombinant L. donovani gene B protein (GBP) and a peptide sequence of L. donovani GBP. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1999, 93, 157-160.	1.8	33
140	Immunoglobulin G Antibody Reactivity to a Group A Plasmodium falciparum Erythrocyte Membrane Protein 1 and Protection from P. falciparum Malaria. Infection and Immunity, 2007, 75, 2415-2420.	2.2	33
141	Plasmodium falciparum Infection Early in Pregnancy has Profound Consequences for Fetal Growth. Journal of Infectious Diseases, 2017, 216, 1601-1610.	4.0	33
142	Interferonâ€gamma and interleukinâ€4 in human Leishmania donovani infections. Immunology and Cell Biology, 1993, 71, 583-587.	2.3	32
143	High Proportion of Subclinical Plasmodium falciparum Infections in an Area of Seasonal and Unstable Malaria in Sudan. American Journal of Tropical Medicine and Hygiene, 1995, 53, 78-83.	1.4	32
144	Selective Modulation of the CD4 Molecular Complex by Pseudomonas aeruginosa Alkaline Protease and Elastase. Scandinavian Journal of Immunology, 1987, 26, 91-94.	2.7	30

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145	In Vivo Switching between Variant Surface Antigens in HumanPlasmodium falciparumInfection. Journal of Infectious Diseases, 2002, 186, 719-722.	4.0	30
146	Plasmodium falciparum: VAR2CSA expressed during pregnancy-associated malaria is partially resistant to proteolytic cleavage by trypsin. Experimental Parasitology, 2007, 117, 1-8.	1.2	30
147	Cryo-EM reveals the architecture of placental malaria VAR2CSA and provides molecular insight into chondroitin sulfate binding. Nature Communications, 2021, 12, 2956.	12.8	30
148	A Longitudinal Study of Human Antibody Responses toPlasmodium falciparumRhoptry-Associated Protein 1 in a Region of Seasonal and Unstable Malaria Transmission. Infection and Immunity, 1999, 67, 2975-2985.	2.2	30
149	Molecular and immunological characterisation of the glucose regulated protein 78 of Leishmania donovani. BBA - Proteins and Proteomics, 2001, 1549, 73-87.	2.1	29
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