Eleanor M Riley

List of Publications by Year
in descending order

254 papers	22,194 citations	5876 81 h-index	11030 137 g-index
265 all docs	265 docs citations	265 times ranked	20150 citing authors

#	Article	IF	Citations
1	IL-10: The Master Regulator of Immunity to Infection. Journal of Immunology, 2008, 180, 5771-5777.	0.4	1,789
2	Differential glycosylation of TH1, TH2 and TH-17 effector cells selectively regulates susceptibility to cell death. Nature Immunology, 2007, 8, 825-834.	7.0	574
3	Innate immunity to malaria. Nature Reviews Immunology, 2004, 4, 169-180.	10.6	555
4	Estimating medium- and long-term trends in malaria transmission by using serological markers of malaria exposure. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5108-5113.	3.3	440
5	Efficacy of RTS,S/AS01E Vaccine against Malaria in Children 5 to 17 Months of Age. New England Journal of Medicine, 2008, 359, 2521-2532.	13.9	365
6	Genome-wide and fine-resolution association analysis of malaria in West Africa. Nature Genetics, 2009, 41, 657-665.	9.4	345
7	Upregulation of TGF-Î², FOXP3, and CD4+CD25+ Regulatory T Cells Correlates with More Rapid Parasite Growth in Human Malaria Infection. Immunity, 2005, 23, 287-296.	6.6	328
8	Innate Immune Response to Malaria: Rapid Induction of IFN-Î³ from Human NK Cells by LivePlasmodium falciparum-Infected Erythrocytes. Journal of Immunology, 2002, 169, 2956-2963.	0.4	286
9	The war between the malaria parasite and the immune system: immunity, immunoregulation and immunopathology. Clinical and Experimental Immunology, 2003, 133, 145-152.	1.1	283
10	Optimal immune responses: immunocompetence revisited. Trends in Ecology and Evolution, 2005, 20, 665-669.	4.2	281
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.	0.4	280
12	Immunogenicity of the RTS,S/AS01 malaria vaccine and implications for duration of vaccine efficacy: secondary analysis of data from a phase 3 randomised controlled trial. Lancet Infectious Diseases, The, 2015, 15, 1450-1458.	4.6	262
13	â€œAsymptomaticâ€•Malaria: A Chronic and Debilitating Infection That Should Be Treated. PLoS Medicine, 2016, 13, e1001942.	3.9	259
14	Human T-cell recognition of the circumsporozoite protein of Plasmodium falciparum: immunodominant T-cell domains map to the polymorphic regions of the molecule.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 1199-1203.	3.3	250
15	Serology: a robust indicator of malaria transmission intensity?. Trends in Parasitology, 2007, 23, 575-582.	1.5	248
16	Association of Transmission Intensity and Age With Clinical Manifestations and Case Fatality of Severe <EMPH TYPE="ITAL">Plasmodium falciparum</EMPH> Malaria. JAMA - Journal of the American Medical Association, 2005, 293, 1461.	3.8	247
17	Identification of Hot Spots of Malaria Transmission for Targeted Malaria Control. Journal of Infectious Diseases, 2010, 201, 1764-1774.	1.9	247
18	Naturally acquired cellular and humoral immune responses to the major merozoite surface antigen (Pf MSP1) of Plasmodium falciparum are associated with reduced malaria morbidity. Parasite Immunology, 1992, 14, 321-337.	0.7	236

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19	The comparative immunology of wild and laboratory mice, Mus musculus domesticus. Nature Communications, 2017, 8, 14811.	5.8	233
20	Whatever turns you on: accessory-cell-dependent activation of NK cells by pathogens. Nature Reviews Immunology, 2007, 7, 279-291.	10.6	226
21	Long-Lived Antibody and B Cell Memory Responses to the Human Malaria Parasites, Plasmodium falciparum and Plasmodium vivax. PLoS Pathogens, 2010, 6, e1000770.	2.1	220
22	Does malaria suffer from lack of memory?. Immunological Reviews, 2004, 201, 268-290.	2.8	219
23	Functional Significance of CD57 Expression on Human NK Cells and Relevance to Disease. Frontiers in Immunology, 2013, 4, 422.	2.2	214
24	Unusual selection on the KIR3DL1/S1 natural killer cell receptor in Africans. Nature Genetics, 2007, 39, 1092-1099.	9.4	207
25	IL-10 from CD4+CD25â˜'Foxp3â˜'CD127â˜' Adaptive Regulatory T Cells Modulates Parasite Clearance and Pathology during Malaria Infection. PLoS Pathogens, 2008, 4, e1000004.	2.1	207
26	Reappraisal of known malaria resistance loci in a large multicenter study. Nature Genetics, 2014, 46, 1197-1204.	9.4	206
27	IgG3 antibodies to Plasmodium falciparum merozoite surface protein 2 (MSP2): increasing prevalence with age and association with clinical immunity to malaria.. American Journal of Tropical Medicine and Hygiene, 1998, 58, 406-413.	0.6	198
28	Malaria impairs resistance to Salmonella through heme- and heme oxygenaseâ€"dependent dysfunctional granulocyte mobilization. Nature Medicine, 2012, 18, 120-127.	15.2	197
29	Cerebral malaria: the contribution of studies in animal models to our understanding of immunopathogenesis. Microbes and Infection, 2002, 4, 291-300.	1.0	194
30	Parasite-Derived Plasma Microparticles Contribute Significantly to Malaria Infection-Induced Inflammation through Potent Macrophage Stimulation. PLoS Pathogens, 2010, 6, e1000744.	2.1	194
31	Dried blood spots as a source of anti-malarial antibodies for epidemiological studies. Malaria Journal, 2008, 7, 195.	0.8	192
32	Activation of a Subset of Human NK Cells upon Contact with Plasmodium falciparum-Infected Erythrocytes. Journal of Immunology, 2003, 171, 5396-5405.	0.4	190
33	Distinct Roles for FOXP3+ and FOXP3â˜' CD4+ T Cells in Regulating Cellular Immunity to Uncomplicated and Severe Plasmodium falciparum Malaria. PLoS Pathogens, 2009, 5, e1000364.	2.1	188
34	Cerebral malaria: why experimental murine models are required to understand the pathogenesis of disease. Parasitology, 2010, 137, 755-772.	0.7	188
35	Transforming Growth Factor Î² Production Is Inversely Correlated with Severity of Murine Malaria Infection. Journal of Experimental Medicine, 1998, 188, 39-48.	4.2	178
36	Immune mechanisms in malaria: new insights in vaccine development. Nature Medicine, 2013, 19, 168-178.	15.2	176

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37	Human antibody response to Plasmodium falciparum merozoite surface protein 2 is serogroup specific and predominantly of the immunoglobulin G3 subclass. Infection and Immunity, 1995, 63, 4382-4388.	1.0	176
38	Regulating immunity to malaria. Parasite Immunology, 2006, 28, 35-49.	0.7	166
39	IFN-Î³â€“Producing CD4+ T Cells Promote Experimental Cerebral Malaria by Modulating CD8+ T Cell Accumulation within the Brain. Journal of Immunology, 2012, 189, 968-979.	0.4	166
40	The Relationship between RTS,S Vaccine-Induced Antibodies, CD4+ T Cell Responses and Protection against Plasmodium falciparum Infection. PLoS ONE, 2013, 8, e61395.	1.1	163
41	NK Cells as Effectors of Acquired Immune Responses: Effector CD4+ T Cell-Dependent Activation of NK Cells Following Vaccination. Journal of Immunology, 2010, 185, 2808-2818.	0.4	156
42	Determination of the Processes Driving the Acquisition of Immunity to Malaria Using a Mathematical Transmission Model. PLoS Computational Biology, 2007, 3, e255.	1.5	155
43	Efficacy of RTS,S/AS01E malaria vaccine and exploratory analysis on anti-circumsporozoite antibody titres and protection in children aged 5â€“17 months in Kenya and Tanzania: a randomised controlled trial. Lancet Infectious Diseases, The, 2011, 11, 102-109.	4.6	152
44	Rapid Assessment of Malaria Transmission Using Age-Specific Sero-Conversion Rates. PLoS ONE, 2009, 4, e6083.	1.1	151
45	Human antibodies to the 19 kDa C-terminal fragment of Plasmodium falciparum merozoite surface protein 1 inhibit parasite growth in vitro. Parasite Immunology, 1999, 21, 133-139.	0.7	147
46	Serum antibodies from malaria-exposed people recognize conserved epitopes formed by the two epidermal growth factor motifs of MSP1(19), the carboxy-terminal fragment of the major merozoite surface protein of Plasmodium falciparum. Infection and Immunity, 1995, 63, 456-466.	1.0	146
47	Pathology of Plasmodium chabaudi chabaudi Infection and Mortality in Interleukin-10-Deficient Mice Are Ameliorated by Anti-Tumor Necrosis Factor Alpha and Exacerbated by Anti-Transforming Growth Factor Î² Antibodies. Infection and Immunity, 2003, 71, 4850-4856.	1.0	144
48	Innate Immune Responses to Human Malaria: Heterogeneous Cytokine Responses to Blood-Stage Plasmodium falciparum Correlate with Parasitological and Clinical Outcomes. Journal of Immunology, 2006, 177, 5736-5745.	0.4	138
49	Differential Induction of TGF-Î² Regulates Proinflammatory Cytokine Production and Determines the Outcome of Lethal and NonlethalPlasmodium yoeliiInfections. Journal of Immunology, 2003, 171, 5430-5436.	0.4	136
50	Resistance to malaria through structural variation of red blood cell invasion receptors. Science, 2017, 356, .	6.0	135
51	Incomplete Depletion and Rapid Regeneration of Foxp3+ Regulatory T Cells Following Anti-CD25 Treatment in Malaria-Infected Mice. Journal of Immunology, 2007, 178, 4136-4146.	0.4	133
52	Altitudeâ€Dependent and â€Independent Variations inPlasmodium falciparumPrevalence in Northeastern Tanzania. Journal of Infectious Diseases, 2005, 191, 1589-1598.	1.9	131
53	Target Antigen, Age, and Duration of Antigen Exposure Independently Regulate Immunoglobulin G Subclass Switching in Malaria. Infection and Immunity, 2006, 74, 257-264.	1.0	130
54	Primary structure and localization of a conserved immunogenicPlasmodium falciparum glutamate rich protein (GLURP) expressed in both the preerythrocytic and erythrocytic stages of the vertebrate life cycle. Molecular and Biochemical Parasitology, 1991, 49, 119-131.	0.5	128

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55	Dynamics of the Antibody Response to Plasmodium falciparum Infection in African Children. Journal of Infectious Diseases, 2014, 210, 1115-1122.	1.9	124
56	Complement-mediated lysis of Plasmodium falciparum gametes by malaria-immune human sera is associated with antibodies to the gamete surface antigen Pfs230. Infection and Immunity, 1997, 65, 3017-3023.	1.0	122
57	The temporal dynamics and infectiousness of subpatent Plasmodium falciparum infections in relation to parasite density. Nature Communications, 2019, 10, 1433.	5.8	121
58	Cross-Talk between T Cells and NK Cells Generates Rapid Effector Responses to Plasmodium falciparum -Infected Erythrocytes. Journal of Immunology, 2010, 184, 6043-6052.	0.4	120
59	Do maternally acquired antibodies protect infants from malaria infection?. Parasite Immunology, 2001, 23, 51-59.	0.7	119
60	Co-evolution of Human Leukocyte Antigen (HLA) Class I Ligands with Killer-Cell Immunoglobulin-Like Receptors (KIR) in a Genetically Diverse Population of Sub-Saharan Africans. PLoS Genetics, 2013, 9, e1003938.	1.5	113
61	The CTLA-4 and PD-1/PD-L1 Inhibitory Pathways Independently Regulate Host Resistance to Plasmodium-induced Acute Immune Pathology. PLoS Pathogens, 2012, 8, e1002504.	2.1	110
62	The relevance of non-human primate and rodent malaria models for humans. Malaria Journal, 2011, 10, 23.	0.8	109
63	Essential Role for IL-27 Receptor Signaling in Prevention of Th1-Mediated Immunopathology during Malaria Infection. Journal of Immunology, 2010, 185, 2482-2492.	0.4	108
64	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.	1.0	108
65	Rapid NK cell differentiation in a population with near-universal human cytomegalovirus infection is attenuated by NKG2C deletions. Blood, 2014, 124, 2213-2222.	0.6	107
66	Cross-Talk with Myeloid Accessory Cells Regulates Human Natural Killer Cell Interferon-Î³ Responses to Malaria. PLoS Pathogens, 2006, 2, e118.	2.1	107
67	Prolonged Neutrophil Dysfunction after Plasmodium falciparum Malaria Is Related to Hemolysis and Heme Oxygenase-1 Induction. Journal of Immunology, 2012, 189, 5336-5346.	0.4	106
68	Meiotic recombination generates rich diversity in NK cell receptor genes, alleles, and haplotypes. Genome Research, 2009, 19, 757-769.	2.4	104
69	Serological Markers Suggest Heterogeneity of Effectiveness of Malaria Control Interventions on Bioko Island, Equatorial Guinea. PLoS ONE, 2011, 6, e25137.	1.1	103
70	The Gut Microbiota of Wild Mice. PLoS ONE, 2015, 10, e0134643.	1.1	103
71	Profiling the Antibody Immune Response against Blood Stage Malaria Vaccine Candidates. Clinical Chemistry, 2007, 53, 1244-1253.	1.5	102
72	Production by activated human T cells of interleukin 4 but not interferon-gamma is associated with elevated levels of serum antibodies to activating malaria antigens.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5484-5488.	3.3	99

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73	Fine Specificity of Serum Antibodies to Plasmodium falciparum Merozoite Surface Protein, PfMSP-1 19 , Predicts Protection from Malaria Infection and High-Density Parasitemia. Infection and Immunity, 2004, 72, 1557-1567.	1.0	98
74	Heterogeneous Human NK Cell Responses toPlasmodium falciparum-Infected Erythrocytes. Journal of Immunology, 2005, 175, 7466-7473.	0.4	97
75	Natural killer cells and innate immunity to protozoan pathogens. International Journal for Parasitology, 2004, 34, 1517-1528.	1.3	95
76	Activation of Natural Killer Cells during Microbial Infections. Frontiers in Immunology, 2011, 2, 88.	2.2	95
77	Characterization of human T- and B-cell epitopes in the C terminus of Plasmodium falciparum merozoite surface protein 1: evidence for poor T-cell recognition of polypeptides with numerous disulfide bonds. Infection and Immunity, 1997, 65, 3024-3031.	1.0	95
78	Measures of immune function of wild mice, Mus musculus. Molecular Ecology, 2011, 20, 881-892.	2.0	91
79	Gradual acquisition of immunity to severe malaria with increasing exposure. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142657.	1.2	91
80	Human candidate gene polymorphisms and risk of severe malaria in children in Kilifi, Kenya: a case-control association study. Lancet Haematology,the, 2018, 5, e333-e345.	2.2	90
81	Selective recognition of malaria antigens by human serum antibodies is not genetically determined but demonstrates some features of clonal imprinting. International Immunology, 1996, 8, 905-915.	1.8	88
82	Lack of Association between Maternal Antibody and Protection of African Infants from Malaria Infection. Infection and Immunity, 2000, 68, 5856-5863.	1.0	87
83	Loss of Population Levels of Immunity to Malaria as a Result of Exposure-Reducing Interventions: Consequences for Interpretation of Disease Trends. PLoS ONE, 2009, 4, e4383.	1.1	86
84	A longitudinal study of naturally acquired cellular and humoral immune responses to a merozoite surface protein (MSP1) of Plasmodium falciparum in an area of seasonal malaria transmission. Parasite Immunology, 1993, 15, 513-524.	0.7	84
85	The Dynamics of Naturally Acquired Immune Responses to Plasmodium falciparum Sexual Stage Antigens Pfs230 & Pfs48/45 in a Low Endemic Area in Tanzania. PLoS ONE, 2010, 5, e14114.	1.1	84
86	Is T-cell priming required for initiation of pathology in malaria infections?. Trends in Immunology, 1999, 20, 228-233.	7.5	81
87	Clinical case definitions for malaria: clinical malaria associated with very low parasite densities in African infants. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1998, 92, 527-531.	0.7	80
88	A distinct subset of human NK cells expressing HLAâ€DR expand in response to ILâ€2 and can aid immune responses to BCG. European Journal of Immunology, 2011, 41, 1924-1933.	1.6	80
89	Suppression of Cell-Mediated Immune Responses to Malaria Antigens in Pregnant Gambian Women. American Journal of Tropical Medicine and Hygiene, 1989, 40, 141-144.	0.6	79
90	Antigen-Specific IL-2 Secretion Correlates with NK Cell Responses after Immunization of Tanzanian Children with the RTS,S/AS01 Malaria Vaccine. Journal of Immunology, 2012, 188, 5054-5062.	0.4	77

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91	Influenza Vaccination Generates Cytokine-Induced Memory-like NK Cells: Impact of Human Cytomegalovirus Infection. Journal of Immunology, 2016, 197, 313-325.	0.4	76
92	Regulatory T cells in malaria â€“ friend or foe?. Trends in Immunology, 2010, 31, 63-70.	2.9	75
93	Macrophage-Mediated but Gamma Interferon-Independent Innate Immune Responses Control the Primary Wave ofPlasmodium yoeliiParasitemia. Infection and Immunity, 2007, 75, 5806-5818.	1.0	73
94	The Breadth, but Not the Magnitude, of Circulating Memory B Cell Responses to P. falciparum Increases with Age/Exposure in an Area of Low Transmission. PLoS ONE, 2011, 6, e25582.	1.1	72
95	IL-17 Production from T Helper 17, Mucosal-Associated Invariant T, and Î³Î´ Cells in Tuberculosis Infection and Disease. Frontiers in Immunology, 2017, 8, 1252.	2.2	72
96	Neuropathogenesis of human and murine malaria. Trends in Parasitology, 2010, 26, 277-278.	1.5	71
97	Analysis of Human Antibodies to Erythrocyte Binding Antigen 175 of Plasmodium falciparum. Infection and Immunity, 2000, 68, 5559-5566.	1.0	69
98	Synergy between Common Î³ Chain Family Cytokines and IL-18 Potentiates Innate and Adaptive Pathways of NK Cell Activation. Frontiers in Immunology, 2016, 7, 101.	2.2	69
99	High incidence of asymptomatic malara infections in a birth cohort of children less than one year of age in Ghana, detected by multicopy gene polymerase chain reaction.. American Journal of Tropical Medicine and Hygiene, 1998, 59, 115-123.	0.6	69
100	Immune response to soluble exoantigens ofPlasmodium falciparum may contribute to both pathogenesis and protection in clinical malaria: evidence from a longitudinal, prospective study of semi-immune African children. European Journal of Immunology, 1991, 21, 1019-1025.	1.6	68
101	Sustained Immune Complex-Mediated Reduction in CD16 Expression after Vaccination Regulates NK Cell Function. Frontiers in Immunology, 2016, 7, 384.	2.2	67
102	Recognition of dominant T cell-stimulating epitopes from the circumsporozoite protein of Plasmodium falciparum and relationship to malaria morbidity in Gambian children. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1990, 84, 648-657.	0.7	65
103	Association between immune recognition of the malaria vaccine candidate antigen Pf155/RESA and resistance to clinical disease: a prospective study in a malaria-endemic region of West Africa. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1991, 85, 436-443.	0.7	65
104	CMV and natural killer cells: shaping the response to vaccination. European Journal of Immunology, 2018, 48, 50-65.	1.6	65
105	NK Cells: Uncertain Allies against Malaria. Frontiers in Immunology, 2017, 8, 212.	2.2	64
106	Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. ELife, 2017, 6, .	2.8	64
107	Activation of Transforming Growth Factor Î² by Malaria Parasite-derived Metalloproteinases and a Thrombospondin-like Molecule. Journal of Experimental Medicine, 2003, 198, 1817-1827.	4.2	61
108	Effect of the Pre-erythrocytic Candidate Malaria Vaccine RTS,S/AS01E on Blood Stage Immunity in Young Children. Journal of Infectious Diseases, 2011, 204, 9-18.	1.9	60

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109	Short-Lived IFN-Î³ Effector Responses, but Long-Lived IL-10 Memory Responses, to Malaria in an Area of Low Malaria Endemicity. PLoS Pathogens, 2011, 7, e1001281.	2.1	60
110	African Glucose-6-Phosphate Dehydrogenase Alleles Associated with Protection from Severe Malaria in Heterozygous Females in Tanzania. PLoS Genetics, 2015, 11, e1004960.	1.5	58
111	Human immune responses that reduce the transmission of Plasmodium falciparum in African populations. International Journal for Parasitology, 2011, 41, 293-300.	1.3	56
112	Impaired NK Cell Responses to Pertussis and H1N1 Influenza Vaccine Antigens in Human Cytomegalovirus-Infected Individuals. Journal of Immunology, 2015, 194, 4657-4667.	0.4	56
113	Cellular Immune Function in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS). Frontiers in Immunology, 2019, 10, 796.	2.2	56
114	The statistical analysis of data from immunoepidemiological studies. Journal of Immunological Methods, 1992, 146, 229-239.	0.6	55
115	Serological Responses among Individuals in Areas Where Both Schistosomiasis and Malaria Are Endemic: Crossâ€Reactivity betweenSchistosoma mansoniandPlasmodium falciparum. Journal of Infectious Diseases, 2003, 187, 1272-1282.	1.9	55
116	Association of sub-microscopic malaria parasite carriage with transmission intensity in north-eastern Tanzania. Malaria Journal, 2011, 10, 370.	0.8	55
117	Stuck in a rut? Reconsidering the role of parasite sequestration in severe malaria syndromes. Trends in Parasitology, 2013, 29, 585-592.	1.5	55
118	Novel genetic polymorphisms associated with severe malaria and under selective pressure in North-eastern Tanzania. PLoS Genetics, 2018, 14, e1007172.	1.5	55
119	HLA-DR and -DQ gene polymorphism in West Africans is twice as extensive as in north European Caucasians: evolutionary implications.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 8480-8484.	3.3	54
120	The Fine Specificity, but Not the Invasion Inhibitory Activity, of 19-Kilodalton Merozoite Surface Protein 1-Specific Antibodies Is Associated with Resistance to Malarial Parasitemia in a Cross-Sectional Survey in The Gambia. Infection and Immunity, 2004, 72, 6185-6189.	1.0	54
121	Differential activation of <scp>CD</scp>57â€defined natural killer cell subsets during recall responses to vaccine antigens. Immunology, 2014, 142, 140-150.	2.0	54
122	IL-27 Receptor Signalling Restricts the Formation of Pathogenic, Terminally Differentiated Th1 Cells during Malaria Infection by Repressing IL-12 Dependent Signals. PLoS Pathogens, 2013, 9, e1003293.	2.1	53
123	Prevalence and Boosting of Antibodies to Plasmodium falciparum Glycosylphosphatidylinositols and Evaluation of Their Association with Protection from Mild and Severe Clinical Malaria. Infection and Immunity, 2002, 70, 5045-5051.	1.0	51
124	The impact of delayed treatment of uncomplicated P. falciparum malaria on progression to severe malaria: A systematic review and a pooled multicentre individual-patient meta-analysis. PLoS Medicine, 2020, 17, e1003359.	3.9	50
125	MHC and malaria: the relationship between HLA class II alleles and immune responses to Plasmodium falciprum. International Immunology, 1992, 4, 1055-1063.	1.8	49
126	Does apolipoprotein E polymorphism influence susceptibility to malaria?. Journal of Medical Genetics, 2003, 40, 348-351.	1.5	49

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127	Piecing Together the Puzzle of Severe Malaria. Science Translational Medicine, 2013, 5, 211ps18.	5.8	49
128	Serology describes a profile of declining malaria transmission in Farafenni, The Gambia. Malaria Journal, 2015, 14, 416.	0.8	49
129	Changes in cytokine production associated with acquired immunity to Plasmodium falciparum malaria. Clinical and Experimental Immunology, 2001, 126, 503-510.	1.1	48
130	Heterogeneous and Tissue-Specific Regulation of Effector T Cell Responses by IFN-Î³ during Plasmodium berghei ANKA Infection. Journal of Immunology, 2011, 187, 2885-2897.	0.4	48
131	Genetic Diversity and Antigenic Polymorphism in Plasmodium falciparum : Extensive Serological Cross-Reactivity between Allelic Variants of Merozoite Surface Protein 2. Infection and Immunity, 2003, 71, 3485-3495.	1.0	47
132	Continuing Intense Malaria Transmission in Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 830-837.	0.6	46
133	Immunization of Aotus nancymai with recombinant C terminus of Plasmodium falciparum merozoite surface protein 1 in liposomes and alum adjuvant does not induce protection against a challenge infection. Infection and Immunity, 1996, 64, 3614-3619.	1.0	46
134	Severe malaria in Gambian children is not due to lack of previous exposure to malaria. Clinical and Experimental Immunology, 2008, 89, 296-300.	1.1	45
135	Homeostatic regulation of T effector to Treg ratios in an area of seasonal malaria transmission. European Journal of Immunology, 2009, 39, 1288-1300.	1.6	45
136	Î³Î´⁺T Cells Preferentially Respond to Live Rather than Killed Malaria Parasites. Infection and Immunity, 1998, 66, 2393-2398.	1.0	45
137	HLA polymorphisms and evolution. Trends in Immunology, 1992, 13, 333-335.	7.5	44
138	Linkage of Exogenous T-cell Epitopes to the 19-Kilodalton Region of Plasmodium yoelii Merozoite Surface Protein 1 (MSP1 19) Can Enhance Protective Immunity against Malaria and Modulate the Immunoglobulin Subclass Response to MSP1 19. Infection and Immunity, 2000, 68, 2102-2109.	1.0	44
139	Associations between Î±+â€Thalassemia andPlasmodium falciparumMalarial Infection in Northeastern Tanzania. Journal of Infectious Diseases, 2007, 196, 451-459.	1.9	44
140	Long-Lived Memory B-Cell Responses following BCG Vaccination. PLoS ONE, 2012, 7, e51381.	1.1	44
141	Comparison of parasite sequestration in uncomplicated and severe childhood Plasmodium falciparum malaria. Journal of Infection, 2013, 67, 220-230.	1.7	44
142	The ecology of immune state in a wild mammal, Mus musculus domesticus. PLoS Biology, 2018, 16, e2003538.	2.6	44
143	Killer Ig-Like Receptor (KIR) Genotype Predicts the Capacity of Human KIR-Positive CD56dim NK Cells to Respond to Pathogen-Associated Signals. Journal of Immunology, 2009, 182, 6426-6434.	0.4	42
144	Immunoglobulin M and G antibody responses to Plasmodium falciparum glutamate-rich protein: correlation with clinical immunity in Gambian children. Infection and Immunity, 1993, 61, 103-108.	1.0	42

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145	The UK ME/CFS Biobank for biomedical research on Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) and Multiple Sclerosis. Open Journal of Bioresources, 2017, 4, .	1.5	42
146	Suppression of vaccine responses by malaria: insignificant or overlooked?. Expert Review of Vaccines, 2010, 9, 409-429.	2.0	41
147	Failure to detect MHC class II associations of the human immune response induced by repeated malaria infections to the Plasmodium falciparum antigen Pf155/RESA. International Immunology, 1991, 3, 1043-1051.	1.8	40
148	Influence of infection on malariaâ€specific antibody dynamics in a cohort exposed to intense malaria transmission in northern <scp>U</scp>ganda. Parasite Immunology, 2013, 35, 164-173.	0.7	40
149	ILâ€18â€induced expression of highâ€affinity ILâ€2R on murine NK cells is essential for NKâ€cell IFNâ€γ production during murine Plasmodium yoelii infection. European Journal of Immunology, 2015, 45, 3431-3440.	1.6	40
150	Activation by malaria antigens renders mononuclear cells susceptible to HIV infection and re-activates replication of endogenous HIV in cells from HIV-infected adults. Parasite Immunology, 2004, 26, 213-217.	0.7	39
151	Candidate Human Genetic Polymorphisms and Severe Malaria in a Tanzanian Population. PLoS ONE, 2012, 7, e47463.	1.1	39
152	Statistical analysis of highly skewed immune response data. Journal of Immunological Methods, 1997, 201, 99-114.	0.6	38
153	Regulation of Antigen-Specific Immunoglobulin G Subclasses in Response to Conserved and Polymorphic Plasmodium falciparum Antigens in an In Vitro Model. Infection and Immunity, 2002, 70, 2820-2827.	1.0	38
154	CD8+ T cells inhibit Plasmodium falciparum-induced lymphoproliferation and gamma interferon production in cell preparations from some malaria-immune individuals. Infection and Immunity, 1989, 57, 1281-1284.	1.0	38
155	Associations between Antiâ€“Schistosoma mansoniand Antiâ€“Plasmodium falciparumAntibody Responses and Hepatosplenomegaly, in Kenyan Schoolchildren. Journal of Infectious Diseases, 2003, 187, 1337-1341.	1.9	37
156	Vitamin A supplementation increases ratios of proinflammatory to anti-inflammatory cytokine responses in pregnancy and lactation. Clinical and Experimental Immunology, 2006, 144, 392-400.	1.1	37
157	Chapter 1 Strain Theory of Malaria. Advances in Parasitology, 2008, 66, 1-46.	1.4	36
158	The Immunology of Wild Rodents: Current Status and Future Prospects. Frontiers in Immunology, 2017, 8, 1481.	2.2	35
159	Protective Immune Responses to the 42-Kilodalton (kDa) Region of Plasmodium yoelii Merozoite Surface Protein 1 Are Induced by the C-Terminal 19-kDa Region but Not by the Adjacent 33-kDa Region. Infection and Immunity, 2002, 70, 820-825.	1.0	34
160	IMPORTED PLASMODIUM FALCIPARUM MALARIA: ARE PATIENTS ORIGINATING FROM DISEASE-ENDEMIC AREAS LESS LIKELY TO DEVELOP SEVERE DISEASE? A PROSPECTIVE, OBSERVATIONAL STUDY. American Journal of Tropical Medicine and Hygiene, 2006, 75, 1195-1199.	0.6	34
161	The immune response to Echinococcus granulosus: Sequential histological observations of lymphoreticular and connective tissues during early murine infection. Journal of Comparative Pathology, 1985, 95, 93-104.	0.1	33
162	Differential antibody recognition of FC27-like Plasmodium falciparum merozoite surface protein MSP2 antigens which lack 12 amino acid repeats. Parasite Immunology, 1996, 18, 411-420.	0.7	33

#	Article	IF	Citations
163	Malaria, anemia, and invasive bacterial disease: A neutrophil problem?. Journal of Leukocyte Biology, 2019, 105, 645-655.	1.5	33
164	Naive human Î±Î² T cells respond to membraneâ€associated components of malariaâ€infected erythrocytes by proliferation and production of interferonâ€Î³. Immunology, 1996, 88, 412-420.	2.0	32
165	The role of MHC- and non-MHC-associated genes in determining the human immune response to malaria antigens. Parasitology, 1996, 112, S39-S51.	0.7	31
166	Rapid Acquisition of Isolate-Specific Antibodies to Chondroitin Sulfate A-Adherent Plasmodium falciparum Isolates in Ghanaian Primigravidae. Infection and Immunity, 2005, 73, 2841-2847.	1.0	30
167	B cell sub-types following acute malaria and associations with clinical immunity. Malaria Journal, 2016, 15, 139.	0.8	30
168	Serologically Defined Variations in Malaria Endemicity in ParÃ¡ State, Brazil. PLoS ONE, 2014, 9, e113357.	1.1	30
169	Geographical Distribution of Plasmodium Falciparum Erythrocyte Rosetting and Frequency of Rosetting Antibodies in Human Sera. American Journal of Tropical Medicine and Hygiene, 1990, 43, 333-338.	0.6	30
170	Maternal vitamin A supplementation and immunity to malaria in pregnancy in Ghanaian primigravids. Tropical Medicine and International Health, 2005, 10, 1286-1297.	1.0	29
171	Vaccinating for natural killer cell effector functions. Clinical and Translational Immunology, 2018, 7, e1010.	1.7	29
172	Phagocytosis Does Not Play a Major Role in Naturally Acquired Transmission-Blocking Immunity toPlasmodium falciparumMalaria. Infection and Immunity, 1999, 67, 2334-2339.	1.0	29
173	Epitope-Specific Regulation of Immunoglobulin Class Switching in Mice Immunized with Malarial Merozoite Surface Proteins. Infection and Immunity, 2005, 73, 8119-8129.	1.0	28
174	Enhancement of cytokineâ€driven NK cell IFNâ€Î³ production after vaccination of HCMV infected Africans. European Journal of Immunology, 2017, 47, 1040-1050.	1.6	28
175	IL-15 Promotes Polyfunctional NK Cell Responses to Influenza by Boosting IL-12 Production. Journal of Immunology, 2018, 200, 2738-2747.	0.4	28
176	Malaria vaccines: if at first you don't succeedâ€¦. Trends in Parasitology, 2004, 20, 604-610.	1.5	27
177	IL-27 Receptor Signaling Regulates Memory CD4 ⁺ T Cell Populations and Suppresses Rapid Inflammatory Responses during Secondary Malaria Infection. Infection and Immunity, 2014, 82, 10-20.	1.0	27
178	Human immune recognition of recombinant proteins representing discrete domains of the Plasmodium falciparum gamete surface protein, Pfs230. Parasite Immunology, 1995, 17, 11-19.	0.7	26
179	IL-27 Receptor Signaling Regulates CD4+ T Cell Chemotactic Responses during Infection. Journal of Immunology, 2013, 190, 4553-4561.	0.4	26
180	Genetic determinants of anti-malarial acquired immunity in a large multi-centre study. Malaria Journal, 2015, 14, 333.	0.8	26

#	Article	IF	Citations
181	USP38, FREM3, SDC1, DDC,andLOC727982Gene Polymorphisms and Differential Susceptibility to Severe Malaria in Tanzania. Journal of Infectious Diseases, 2015, 212, 1129-1139.	1.9	26
182	Relationship between Anaemia, Haemolysis, Inflammation and Haem Oxygenase-1 at Admission with Sepsis: a pilot study. Scientific Reports, 2018, 8, 11198.	1.6	26
183	Suppression of inâ€“vitro lymphoproliferative responses in acute malaria patients can be partially reversed by indomethacin. Parasite Immunology, 1989, 11, 509-517.	0.7	25
184	Experimental Echinococcus granulosus infection in mice: immunocytochemical analysis of lymphocyte populations in local lymphoid infections during early infection. Parasitology, 1987, 94, 523-532.	0.7	24
185	Measuring cellular immune responses to malaria antigens in endemic populations: Epidemiological, parasitological and physiological factors which influence in vitro assays. Immunology Letters, 1990, 25, 221-229.	1.1	24
186	Calorie Restriction Attenuates Terminal Differentiation of Immune Cells. Frontiers in Immunology, 2017, 7, 667.	2.2	24
187	Antibody responses to RhoptryâAssociated Proteinâ1 (RAPâ1) of Plasmodium falciparum parasites in humans from areas of different malaria endemicity. Parasite Immunology, 1997, 19, 387-393.	0.7	23
188	Safety of the Malaria Vaccine Candidate, RTS,S/AS01E in 5 to 17 Month Old Kenyan and Tanzanian Children. PLoS ONE, 2010, 5, e14090.	1.1	23
189	Antibody-Dependent Natural Killer Cell Activation After Ebola Vaccination. Journal of Infectious Diseases, 2021, 223, 1171-1182.	1.9	22
190	Plasmodium falciparum schizont sonic extracts suppress lymphoproliferative responses to mitogens and antigens in malaria-immune adults. Infection and Immunity, 1989, 57, 3181-3188.	1.0	22
191	Salivary DNA Loads for Human Herpesviruses 6 and 7 Are Correlated With Disease Phenotype in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Frontiers in Medicine, 2021, 8, 656692.	1.2	21
192	Naturally acquired human antibodies which recognize the first epidermal growth factor-like module in the Plasmodium falciparum merozoite surface protein 1 do not inhibit parasite growth in vitro. Infection and Immunity, 1994, 62, 4488-4494.	1.0	21
193	Lack of Gender-Specific Antibody Recognition of Products from Domains of a var Gene Implicated in Pregnancy-Associated Plasmodium falciparum Malaria. Infection and Immunity, 2003, 71, 4193-4196.	1.0	20
194	Host Resistance to Plasmodium-Induced Acute Immune Pathology Is Regulated by Interleukin-10 Receptor Signaling. Infection and Immunity, 2017, 85, .	1.0	20
195	Isolation of maternal mononuclear cells from placentas for use in in vitro functional assays. Journal of Immunological Methods, 1992, 146, 185-193.	0.6	19
196	Phenotypic analysis of human peripheral blood regulatory T cells (CD4⁺FOXP3⁺CD127^{lo/â€“}) ex vivo and after in vitro restimulation with malaria antigens. European Journal of Immunology, 2010, 40, 47-60.	1.6	19
197	Influenza Vaccination Primes Human Myeloid Cell Cytokine Secretion and NK Cell Function. Journal of Immunology, 2019, 203, 1609-1618.	0.4	19
198	Modelling pathogen load dynamics to elucidate mechanistic determinants of hostâ€“Plasmodium falciparum interactions. Nature Microbiology, 2019, 4, 1592-1602.	5.9	19

#	Article	IF	Citations
199	Systemic effector and regulatory immune responses to chlamydial antigens in trachomatous trichiasis. Frontiers in Microbiology, 2011, 2, 10.	1.5	18
200	Age-Related Dynamics of Circulating Innate Lymphoid Cells in an African Population. Frontiers in Immunology, 2020, 11, 594107.	2.2	18
201	The immunological challenges of malaria vaccine development. Expert Opinion on Biological Therapy, 2007, 7, 1841-1852.	1.4	17
202	Characterization of regulatory T cell responses to defined immunodominant T cell epitopes of the Plasmodium falciparum antigen Pf155/RESA. Immunology Letters, 1990, 25, 129-134.	1.1	16
203	Apolipoprotein E polymorphisms and risk of malaria. Journal of Medical Genetics, 2004, 41, 145-146.	1.5	16
204	Endogenous galectinâ€3 controls experimental malaria in a speciesâ€specific manner. Parasite Immunology, 2012, 34, 383-387.	0.7	16
205	Differential antibody response of Gambian donors to soluble Plasmodium falciparum antigens. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1991, 85, 26-32.	0.7	15
206	Malaria vaccine trials: SPf66 and all that. Current Opinion in Immunology, 1995, 7, 612-616.	2.4	15
207	Efficacy model for antibody-mediated pre-erythrocytic malaria vaccines. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1298-1305.	1.2	15
208	Imported Plasmodium falciparum malaria: are patients originating from disease-endemic areas less likely to develop severe disease? A prospective, observational study. American Journal of Tropical Medicine and Hygiene, 2006, 75, 1195-9.	0.6	15
209	Immunophoretic rapid diagnostic tests as a source of immunoglobulins for estimating malaria sero-prevalence and transmission intensity. Malaria Journal, 2009, 8, 168.	0.8	14
210	Number of cells from Plasmodium falciparum-immune donors that produce gamma interferon in vitro in response to Pf155/RESA, a malaria vaccine candidate antigen. Infection and Immunity, 1990, 58, 2989-2994.	1.0	14
211	Microvascular Dysfunction in Severe Plasmodium falciparum Malaria. Journal of Infectious Diseases, 2013, 207, 369-370.	1.9	13
212	Malaria Host Candidate Genes Validated by Association With Current, Recent, and Historical Measures of Transmission Intensity. Journal of Infectious Diseases, 2017, 216, 45-54.	1.9	13
213	Haemolysis and haem oxygenase-1 induction during persistent â€œasymptomaticâ€•malaria infection in BurkinabÃ© children. Malaria Journal, 2018, 17, 253.	0.8	13
214	Regulation of the human NK cell compartment by pathogens and vaccines. Clinical and Translational Immunology, 2021, 10, e1244.	1.7	13
215	Uninfected erythrocytes inhibit Plasmodium falciparumâ€“induced cellular immune responses in whole-blood assays. Blood, 2004, 103, 3084-3092.	0.6	12
216	Developmental allometry and paediatric malaria. Malaria Journal, 2012, 11, 64.	0.8	12

#	Article	IF	Citations
217	From Immunology to Eco-Immunology: More than a New Name. , 2014, , 1-19.		12
218	Durable natural killer cell responses after heterologous two-dose Ebola vaccination. Npj Vaccines, 2021, 6, 19.	2.9	12
219	Ebola virus glycoprotein stimulates IL-18â€“dependent natural killer cell responses. Journal of Clinical Investigation, 2020, 130, 3936-3946.	3.9	12
220	Neutralization of Malaria GlycosylphosphatidylinositolIn Vitroby Serum IgG from Malaria-Exposed Individuals. Infection and Immunity, 2010, 78, 3920-3929.	1.0	11
221	Differentiation and adaptation of natural killer cells for antiâ€malarial immunity. Immunological Reviews, 2020, 293, 25-37.	2.8	11
222	Does Malaria Cause Diarrhoea? A Systematic Review. Frontiers in Medicine, 2020, 7, 589379.	1.2	11
223	Epitopes of the Plasmodium falciparum clustered-asparagine-rich protein (CARP) recognized by human T-cells and antibodies. Parasite Immunology, 1991, 13, 681-694.	0.7	10
224	Natural Killer Cells Dampen the Pathogenic Features of Recall Responses to Influenza Infection. Frontiers in Immunology, 2020, 11, 135.	2.2	10
225	Freezeâ€thaw lysates of Plasmodium falciparumâ€infected red blood cells induce differentiation of functionally competent regulatory <scp>T</scp> cells from memory <scp>T</scp> cells. European Journal of Immunology, 2012, 42, 1767-1777.	1.6	9
226	Activation of Human NK Cells by Malaria-Infected Red Blood Cells. Methods in Molecular Biology, 2010, 612, 429-446.	0.4	9
227	T cell reactivity of defined peptides from a major Plasmodium falciparum vaccine candidate: the Pf155/RESA antigen. Immunology Letters, 1988, 19, 229-233.	1.1	8
228	Immune response toEchinococcus granulosus: histological and immunocytochemical observations. Annals of Tropical Medicine and Parasitology, 1984, 78, 210-212.	1.6	7
229	Estimating the force of malaria infection. Parasitology Today, 1996, 12, 410-411.	3.1	6
230	The London School of Hygiene and Tropical Medicine: a new century of malaria research. Memorias Do Instituto Oswaldo Cruz, 2000, 95, 25-32.	0.8	6
231	Lymphocyte transformation as an aspect of immune recognition in echinococcosis. A review of some current experiments. Annals of Tropical Medicine and Parasitology, 1984, 78, 206-209.	1.6	5
232	Differential IL-18 Dependence of Canonical and Adaptive NK Cells for Antibody Dependent Responses to P. falciparum. Frontiers in Immunology, 2020, 11, 533.	2.2	5
233	WSX-1 Signalling Inhibits CD4+ T Cell Migration to the Liver during Malaria Infection by Repressing Chemokine-Independent Pathways. PLoS ONE, 2013, 8, e78486.	1.1	4
234	â€˜Bouncing Backâ€™ From Subclinical Malaria: Inflammation and Erythrocytosis After Resolution of P. falciparum Infection in Gambian Children. Frontiers in Immunology, 2022, 13, 780525.	2.2	4

#	Article	IF	Citations
235	Dry season prevalence of Plasmodium falciparum in asymptomatic Gambian children, with a comparative evaluation of diagnostic methods. Malaria Journal, 2022, 21, .	0.8	4
236	Integrating HIV testing into immunological studies of non-HIV-related diseases. Nature Immunology, 2005, 6, 423-426.	7.0	3
237	Malaria Vaccines: Current Status and Future Prospects. Journal of Pharmacy and Pharmacology, 2011, 49, 21-27.	1.2	3
238	Activation of Human NK Cells by Plasmodium-Infected Red Blood Cells. Methods in Molecular Biology, 2012, 923, 447-464.	0.4	3
239	Comment by Eleanor Riley. Trends in Immunology, 1992, 13, 129-130.	7.5	2
240	Infection and immunity from a lifecourse perspective: Life Study Enhancement. Lancet, The, 2013, 382, S35.	6.3	2
241	Acquired Immunity to Intracellular Protozoa. , 2014, , 301-311.		2
242	Notice of redundant publication: Plasma levels of interleukin-18 and interleukin-12 in Plasmodium falciparum malaria. Parasite Immunology, 2006, 28, 231-231.	0.7	1
243	The Parasite Immunologist's Crystal Ball. Parasite Immunology, 2006, 28, 233-234.	0.7	1
244	Editorial. Parasite Immunology, 2009, 31, 1-1.	0.7	1
245	Wild mice provide insights into natural killer cell maturation and memory. Molecular Ecology, 2011, 20, 4827-4829.	2.0	1
246	Intestinal inflammation and increased intestinal permeability in Plasmodium chabaudi AS infected mice. Wellcome Open Research, 0, 7, 134.	0.9	1
247	Superantigens: A Pathogen's View of the Immune System. Edited by Brigitte T. Huber, and Ed Palmer. Current Communications in Cell and Molecular Biology, 7. Cold Spring Harbor Laboratory Press. 1993. 180 pages. Paperback. Price $55. ISBN 0 87969 3983.. Genetical Research, 1994, 63, 229-230.	0.3	0
248	Molecular Mechanisms of the Immune Response. Cancer Surveys Volume 22. Edited by W. F. Bodmer and M. J. Owen. Cold Spring Harbor Laboratory Press. 1994. 117 pages. Price $75.00. ISBN 0 87969 442 4.. Genetical Research, 1995, 65, 248-249.	0.3	0
249	HLA and MHC: Genes, Molecules and Function. Edited by M. Browning and A. McMichael. Bios Scientific Publishers1996. xvii + 438 pages. Hard cover. Price Â£75. ISBN 1 85996 115 0.. Genetical Research, 1996, 68, 262-263.	0.3	0
250	Innate Immune Response: Friend and Foe. Parasitology Today, 2000, 16, 313.	3.1	0
251	Searching for Achillesâ€™ heel: can rational design of malaria vaccines overcome antigenic diversity?. Pathogens and Global Health, 2014, 108, 63-64.	1.0	0
252	Parasite Immunology embraces 21st century publishing: moving to online-only publication. Parasite Immunology, 2014, 36, 1-2.	0.7	0

#	Article	IF	Citations
253	There and back again: 35 years of Parasite Immunology. Parasite Immunology, 2014, 36, 113-114.	0.7	0
254	Parasite Immunology: Forty years on. Parasite Immunology, 2019, 41, e12607.	0.7	0