

Britta C Urban

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73
papers

3,692
citations

32
h-index

60
g-index

75
ext. papers

4,188
ext. citations

7.9
avg, IF

4.65
L-index

#	Paper	IF	Citations
73	Plasmodium falciparum-infected erythrocytes modulate the maturation of dendritic cells. <i>Nature</i> , 1999 , 400, 73-7	50.4	489
72	A role for CD36 in the regulation of dendritic cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 8750-5	11.5	254
71	Platelet-mediated clumping of Plasmodium falciparum-infected erythrocytes is a common adhesive phenotype and is associated with severe malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 1805-10	11.5	212
70	Systemic lupus erythematosus-associated defects in the inhibitory receptor FcγRIIb reduce susceptibility to malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7169-74	11.5	138
69	HIV-exposed uninfected children: a growing population with a vulnerable immune system?. <i>Clinical and Experimental Immunology</i> , 2014 , 176, 11-22	6.2	135
68	A defunctioning polymorphism in FCGR2B is associated with protection against malaria but susceptibility to systemic lupus erythematosus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7881-5	11.5	135
67	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. <i>Nature Medicine</i> , 2013 , 19, 730-8	50.5	112
66	Copy number, linkage disequilibrium and disease association in the FCGR locus. <i>Human Molecular Genetics</i> , 2010 , 19, 3282-94	5.6	103
65	Modular organization of the carboxyl-terminal, globular head region of human C1q A, B, and C chains. <i>Journal of Immunology</i> , 2003 , 171, 812-20	5.3	95
64	Prime-boost vaccination with chimpanzee adenovirus and modified vaccinia Ankara encoding TRAP provides partial protection against Plasmodium falciparum infection in Kenyan adults. <i>Science Translational Medicine</i> , 2015 , 7, 286re5	17.5	94
63	Specific receptor usage in Plasmodium falciparum cytoadherence is associated with disease outcome. <i>PLoS ONE</i> , 2011 , 6, e14741	3.7	92
62	Fatal Plasmodium falciparum malaria causes specific patterns of splenic architectural disorganization. <i>Infection and Immunity</i> , 2005 , 73, 1986-94	3.7	89
61	A non-sense mutation in Cd36 gene is associated with protection from severe malaria. <i>Lancet, The</i> , 2001 , 357, 1502-3	4.0	89
60	Malaria, monocytes, macrophages and myeloid dendritic cells: sticking of infected erythrocytes switches off host cells. <i>Current Opinion in Immunology</i> , 2002 , 14, 458-65	7.8	78
59	Correlation of memory T cell responses against TRAP with protection from clinical malaria, and CD4 CD25 high T cells with susceptibility in Kenyans. <i>PLoS ONE</i> , 2008 , 3, e2027	3.7	72
58	Deficiency of a subset of T-cells with immunoregulatory properties in sarcoidosis. <i>Lancet, The</i> , 2005 , 365, 1062-72	4.0	67
57	Response of the splenic dendritic cell population to malaria infection. <i>Infection and Immunity</i> , 2004 , 72, 4233-9	3.7	66

56	Peripheral blood dendritic cells in children with acute Plasmodium falciparum malaria. <i>Blood</i> , 2001 , 98, 2859-61	2.2	66
55	The normal cellular prion protein is strongly expressed by myeloid dendritic cells. <i>Blood</i> , 2001 , 98, 3733-8.	2.2	65
54	PfEMP1 expression is reduced on the surface of knobless Plasmodium falciparum infected erythrocytes. <i>Journal of Cell Science</i> , 2005 , 118, 2507-18	5.3	64
53	Protective roles of pulmonary surfactant proteins, SP-A and SP-D, against lung allergy and infection caused by Aspergillus fumigatus. <i>Immunobiology</i> , 2002 , 205, 610-8	3.4	60
52	Safety and immunogenicity of heterologous prime-boost immunisation with Plasmodium falciparum malaria candidate vaccines, ChAd63 ME-TRAP and MVA ME-TRAP, in healthy Gambian and Kenyan adults. <i>PLoS ONE</i> , 2013 , 8, e57726	3.7	60
51	Mutational analyses of the recombinant globular regions of human C1q A, B, and C chains suggest an essential role for arginine and histidine residues in the C1q-IgG interaction. <i>Journal of Immunology</i> , 2004 , 172, 4351-8	5.3	58
50	The frequency of BDCA3-positive dendritic cells is increased in the peripheral circulation of Kenyan children with severe malaria. <i>Infection and Immunity</i> , 2006 , 74, 6700-6	3.7	57
49	Immunological properties of human decidual macrophages--a possible role in intrauterine immunity. <i>Reproduction</i> , 2005 , 129, 631-7	3.8	55
48	Malaria pigment paralyzes dendritic cells. <i>Journal of Biology</i> , 2006 , 5, 4		50
47	Unique T cell effector functions elicited by Plasmodium falciparum epitopes in malaria-exposed Africans tested by three T cell assays. <i>Journal of Immunology</i> , 2001 , 167, 4729-37	5.3	50
46	CD4(-)CD8alpha subset of CD1d-restricted NKT cells controls T cell expansion. <i>Journal of Immunology</i> , 2004 , 172, 7350-8	5.3	49
45	The plasma concentration of the B cell activating factor is increased in children with acute malaria. <i>Journal of Infectious Diseases</i> , 2011 , 204, 962-70	7	45
44	Characterization of a Plasmodium falciparum macrophage-migration inhibitory factor homologue. <i>Journal of Infectious Diseases</i> , 2007 , 195, 905-12	7	42
43	Translating the immunogenicity of prime-boost immunization with ChAd63 and MVA ME-TRAP from malaria naive to malaria-endemic populations. <i>Molecular Therapy</i> , 2014 , 22, 1992-2003	11.7	39
42	Inhibition of T cell function during malaria: implications for immunology and vaccinology. <i>Journal of Experimental Medicine</i> , 2003 , 197, 137-41	16.6	36
41	Transfusion and Treatment of severe anaemia in African children (TRACT): a study protocol for a randomised controlled trial. <i>Trials</i> , 2015 , 16, 593	2.8	31
40	Distinct kinetics of memory B-cell and plasma-cell responses in peripheral blood following a blood-stage Plasmodium chabaudi infection in mice. <i>PLoS ONE</i> , 2010 , 5, e15007	3.7	30
39	Two novel calcium-binding proteins from cytoplasmic granules of the protozoan parasite Entamoeba histolytica. <i>FEBS Letters</i> , 2000 , 486, 112-6	3.8	30

38	A Glucuronoxylomannan-Associated Immune Signature, Characterized by Monocyte Deactivation and an Increased Interleukin 10 Level, Is a Predictor of Death in Cryptococcal Meningitis. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1725-34	7	29
37	Human complement Factor H modulates C1q-mediated phagocytosis of apoptotic cells. <i>Immunobiology</i> , 2012 , 217, 455-64	3.4	28
36	Multiple functions of human T cells generated by experimental malaria challenge. <i>European Journal of Immunology</i> , 2009 , 39, 3042-51	6.1	25
35	Plasmodium falciparum-infected erythrocytes and beta-hematin induce partial maturation of human dendritic cells and increase their migratory ability in response to lymphoid chemokines. <i>Infection and Immunity</i> , 2011 , 79, 2727-36	3.7	25
34	CD4 T cells from malaria-nonexposed individuals respond to the CD36-Binding Domain of Plasmodium falciparum erythrocyte membrane protein-1 via an MHC class II-TCR-independent pathway. <i>Journal of Immunology</i> , 2006 , 176, 5504-12	5.3	24
33	Value of Plasmodium falciparum histidine-rich protein 2 level and malaria retinopathy in distinguishing cerebral malaria from other acute encephalopathies in Kenyan children. <i>Journal of Infectious Diseases</i> , 2014 , 209, 600-9	7	23
32	Phenotypic and functional profiling of CD4 T cell compartment in distinct populations of healthy adults with different antigenic exposure. <i>PLoS ONE</i> , 2013 , 8, e55195	3.7	23
31	Putative serine/threonine protein kinase expressed in complement-resistant forms of Entamoeba histolytica. <i>Molecular and Biochemical Parasitology</i> , 1996 , 80, 171-8	1.9	22
30	Altered Memory T-Cell Responses to Bacillus Calmette-Guerin and Tetanus Toxoid Vaccination and Altered Cytokine Responses to Polyclonal Stimulation in HIV-Exposed Uninfected Kenyan Infants. <i>PLoS ONE</i> , 2015 , 10, e0143043	3.7	22
29	Control of Viremia Enables Acquisition of Resting Memory B Cells with Age and Normalization of Activated B Cell Phenotypes in HIV-Infected Children. <i>Journal of Immunology</i> , 2015 , 195, 1082-91	5.3	20
28	The CSF Immune Response in HIV-1-Associated Cryptococcal Meningitis: Macrophage Activation, Correlates of Disease Severity, and Effect of Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 75, 299-307	3.1	17
27	Endotoxaemia is common in children with Plasmodium falciparum malaria. <i>BMC Infectious Diseases</i> , 2013 , 13, 117	4	17
26	Innate and adaptive nasal mucosal immune responses following experimental human pneumococcal colonization. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4523-4538	15.9	15
25	Proportions of circulating follicular helper T cells are reduced and correlate with memory B cells in HIV-infected children. <i>PLoS ONE</i> , 2017 , 12, e0175570	3.7	14
24	CD4+ T cell responses to the Plasmodium falciparum erythrocyte membrane protein 1 in children with mild malaria. <i>Journal of Immunology</i> , 2014 , 192, 1753-61	5.3	14
23	A recombinant two-module form of human properdin is an inhibitor of the complement alternative pathway. <i>Molecular Immunology</i> , 2016 , 73, 76-87	4.3	14
22	Effect of co-infection with intestinal parasites on COVID-19 severity: A prospective observational cohort study. <i>EClinicalMedicine</i> , 2021 , 39, 101054	11.3	14
21	Glycan-independent binding and internalization of human IgM to FCMR, its cognate cellular receptor. <i>Scientific Reports</i> , 2017 , 7, 42989	4.9	13

20	Functional analysis of dendritic cell-T cell interaction in sarcoidosis. <i>Clinical and Experimental Immunology</i> , 2010 , 159, 82-6	6.2	13
19	Cytomegalovirus viraemia is associated with poor growth and T-cell activation with an increased burden in HIV-exposed uninfected infants. <i>Aids</i> , 2017 , 31, 1809-1818	3.5	12
18	Immune Responses to the Sexual Stages of Parasites. <i>Frontiers in Immunology</i> , 2019 , 10, 136	8.4	11
17	Increased adhesion of Plasmodium falciparum infected erythrocytes to ICAM-1 in children with acute intestinal injury. <i>Malaria Journal</i> , 2016 , 15, 54	3.6	11
16	T-cell responses to the DBL α tag, a short semi-conserved region of the Plasmodium falciparum membrane erythrocyte protein 1. <i>PLoS ONE</i> , 2012 , 7, e30095	3.7	11
15	FREQUENCIES OF PERIPHERAL BLOOD MYELOID CELLS IN HEALTHY KENYAN CHILDREN WITH α THALASSEMIA AND THE SICKLE CELL TRAIT. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 578-584	3.2	9
14	Dendritic cells in Plasmodium infection. <i>Future Microbiology</i> , 2008 , 3, 279-86	2.9	8
13	HIV-Exposed Uninfected Infants Show Robust Memory B-Cell Responses in Spite of a Delayed Accumulation of Memory B Cells: an Observational Study in the First 2 Years of Life. <i>Vaccine Journal</i> , 2016 , 23, 576-85		7
12	DNA extraction from urea-preserved blood or blood clots for use in PCR. <i>Trends in Genetics</i> , 1995 , 11, 41	8.5	7
11	Frequencies of peripheral blood myeloid cells in healthy Kenyan children with alpha+ thalassemia and the sickle cell trait. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006 , 74, 578-84	3.2	7
10	Flow Cytometry To Assess Cerebrospinal Fluid Fungal Burden in Cryptococcal Meningitis. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 802-4	9.7	6
9	Gametocyte Development and Carriage in Ghanaian Individuals with Uncomplicated Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 57-64	3.2	5
8	Interrogating the Impact of Intestinal Parasite-Microbiome on Pathogenesis of COVID-19 in Sub-Saharan Africa. <i>Frontiers in Microbiology</i> , 2021 , 12, 614522	5.7	5
7	10-valent pneumococcal non-typeable Haemophilus influenzae protein-D conjugate vaccine (PHiD-CV) induces memory B cell responses in healthy Kenyan toddlers. <i>Clinical and Experimental Immunology</i> , 2015 , 181, 297-305	6.2	4
6	Antigenic cartography of immune responses to Plasmodium falciparum erythrocyte membrane protein 1 (PFEMP1). <i>PLoS Pathogens</i> , 2019 , 15, e1007870	7.6	3
5	Immune recognition of Plasmodium-infected erythrocytes. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 653, 175-84	3.6	3
4	Streptococcus pneumoniae colonization associates with impaired adaptive immune responses against SARS-CoV-2.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	2
3	Longitudinal profile of antibody response to SARS-CoV-2 in patients with COVID-19 in a setting from Sub-Saharan Africa: A prospective longitudinal study.. <i>PLoS ONE</i> , 2022 , 17, e0263627	3.7	1

- 2 Whole blood versus red cell concentrates for children with severe anaemia: a secondary analysis of the Transfusion and Treatment of African Children (TRACT) trial.. *The Lancet Global Health*, **2022**, 10, e360-e368 13.6 1
- 1 Pharmacokinetics and pharmacodynamics of azithromycin in severe malaria bacterial co-infection in African children (TABS-PKPD): a protocol for a Phase II randomised controlled trial. *Wellcome Open Research*, **6**, 161 4.8