Britta C Urban

List of Publications by Year
in descending order

74 papers	4,491 citations	109321 35 h-index	106344 65 g-index
75 all docs	75 docs citations	75 times ranked	5469 citing authors

#	Article	IF	Citations
1	Plasmodium falciparum-infected erythrocytes modulate the maturation of dendritic cells. Nature, 1999, 400, 73-77.	27.8	553
2	Platelet-mediated clumping of Plasmodium falciparum-infected erythrocytes is a common adhesive phenotype and is associated with severe malaria. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1805-1810.	7.1	275
3	A role for CD36 in the regulation of dendritic cell function. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8750-8755.	7.1	271
4	A defunctioning polymorphism in FCGR2B is associated with protection against malaria but susceptibility to systemic lupus erythematosus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7881-7885.	7.1	172
5	HIV-exposed uninfected children: a growing population with a vulnerable immune system?. Clinical and Experimental Immunology, 2014, 176, 11-22.	2.6	167
6	Systemic lupus erythematosus-associated defects in the inhibitory receptor FcÂRIIb reduce susceptibility to malaria. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7169-7174.	7.1	161
7	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. Nature Medicine, 2013, 19, 730-738.	30.7	134
8	Copy number, linkage disequilibrium and disease association in the FCGR locus. Human Molecular Genetics, 2010, 19, 3282-3294.	2.9	119
9	Prime-boost vaccination with chimpanzee adenovirus and modified vaccinia Ankara encoding TRAP provides partial protection against Plasmodium falciparum infection in Kenyan adults. Science Translational Medicine, 2015, 7, 286re5.	12.4	113
10	Modular Organization of the Carboxyl-Terminal, Globular Head Region of Human C1q A, B, and C Chains. Journal of Immunology, 2003, 171, 812-820.	0.8	111
11	Fatal Plasmodium falciparum Malaria Causes Specific Patterns of Splenic Architectural Disorganization. Infection and Immunity, 2005, 73, 1986-1994.	2.2	111
12	Specific Receptor Usage in Plasmodium falciparum Cytoadherence Is Associated with Disease Outcome. PLoS ONE, 2011, 6, e14741.	2.5	106
13	A non-sense mutation in Cd36 gene is associated with protection from severe malaria. Lancet, The, 2001, 357, 1502-1503.	13.7	101
14	Malaria, monocytes, macrophages and myeloid dendritic cells: sticking of infected erythrocytes switches off host cells. Current Opinion in Immunology, 2002, 14, 458-465.	5.5	88
15	Deficiency of a subset of T-cells with immunoregulatory properties in sarcoidosis. Lancet, The, 2005, 365, 1062-1072.	13.7	82
16	Correlation of Memory T Cell Responses against TRAP with Protection from Clinical Malaria, and CD4+ CD25high T Cells with Susceptibility in Kenyans. PLoS ONE, 2008, 3, e2027.	2.5	82
17	Peripheral blood dendritic cells in children with acute Plasmodium falciparum malaria. Blood, 2001, 98, 2859-2861.	1.4	75
18	Response of the Splenic Dendritic Cell Population to Malaria Infection. Infection and Immunity, 2004, 72, 4233-4239.	2.2	75

#	Article	IF	Citations
19	PfEMP1 expression is reduced on the surface of knobless Plasmodium falciparum infected erythrocytes. Journal of Cell Science, 2005, 118, 2507-2518.	2.0	74
20	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. Journal of Immunology, 2004, 172, 4351-4358.	0.8	72
21	The normal cellular prion protein is strongly expressed by myeloid dendritic cells. Blood, 2001, 98, 3733-3738.	1.4	70
22	Effect of co-infection with intestinal parasites on COVID-19 severity: A prospective observational cohort study. EClinicalMedicine, 2021, 39, 101054.	7.1	67
23	The Frequency of BDCA3-Positive Dendritic Cells Is Increased in the Peripheral Circulation of Kenyan Children with Severe Malaria. Infection and Immunity, 2006, 74, 6700-6706.	2.2	65
24	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. PLoS ONE, 2013, 8, e57726.	2.5	64
25	Protective Roles of Pulmonary Surfactant Proteins, SP-A and SP-D, Against Lung Allergy and Infection Caused by. Immunobiology, 2002, 205, 610-618.	1.9	62
26	Immunological properties of human decidual macrophages â€“ a possible role in intrauterine immunity. Reproduction, 2005, 129, 631-637.	2.6	62
27	Malaria pigment paralyzes dendritic cells. Journal of Biology, 2006, 5, 4.	2.7	59
28	Unique T Cell Effector Functions Elicited byPlasmodium falciparumEpitopes in Malaria-Exposed Africans Tested by Three T Cell Assays. Journal of Immunology, 2001, 167, 4729-4737.	0.8	57
29	The Plasma Concentration of the B Cell Activating Factor Is Increased in Children With Acute Malaria. Journal of Infectious Diseases, 2011, 204, 962-970.	4.0	55
30	CD4â˜CD8Î±Î± Subset of CD1d-Restricted NKT Cells Controls T Cell Expansion. Journal of Immunology, 2004, 172, 7350-7358.	0.8	54
31	Translating the Immunogenicity of Prime-boost Immunization With ChAd63 and MVA ME-TRAP From Malaria Naive to Malaria-endemic Populations. Molecular Therapy, 2014, 22, 1992-2003.	8.2	49
32	Characterization of aPlasmodium falciparumMacrophageâ€Migration Inhibitory Factor Homologue. Journal of Infectious Diseases, 2007, 195, 905-912.	4.0	47
33	Transfusion and Treatment of severe anaemia in African children (TRACT): a study protocol for a randomised controlled trial. Trials, 2015, 16, 593.	1.6	42
34	Inhibition of T Cell Function During Malaria. Journal of Experimental Medicine, 2003, 197, 137-141.	8.5	40
35	CD4 T Cells from Malaria-Nonexposed Individuals Respond to the CD36-Binding Domain ofPlasmodium falciparumErythrocyte Membrane Protein-1 via an MHC Class II-TCR-Independent Pathway. Journal of Immunology, 2006, 176, 5504-5512.	0.8	39
36	A Glucuronoxylomannan-Associated Immune Signature, Characterized by Monocyte Deactivation and an Increased Interleukin 10 Level, Is a Predictor of Death in Cryptococcal Meningitis. Journal of Infectious Diseases, 2016, 213, 1725-1734.	4.0	37

#	Article	IF	Citations
37	Control of Viremia Enables Acquisition of Resting Memory B Cells with Age and Normalization of Activated B Cell Phenotypes in HIV-Infected Children. Journal of Immunology, 2015, 195, 1082-1091.	0.8	35
38	Human complement Factor H modulates C1q-mediated phagocytosis of apoptotic cells. Immunobiology, 2012, 217, 455-464.	1.9	34
39	Innate and adaptive nasal mucosal immune responses following experimental human pneumococcal colonization. Journal of Clinical Investigation, 2019, 129, 4523-4538.	8.2	34
40	Distinct Kinetics of Memory B-Cell and Plasma-Cell Responses in Peripheral Blood Following a Blood-Stage Plasmodium chabaudi Infection in Mice. PLoS ONE, 2010, 5, e15007.	2.5	33
41	Streptococcus pneumoniae colonization associates with impaired adaptive immune responses against SARS-CoV-2. Journal of Clinical Investigation, 2022, 132, .	8.2	33
42	Two novel calcium-binding proteins from cytoplasmic granules of the protozoan parasiteEntamoeba histolytica. FEBS Letters, 2000, 486, 112-116.	2.8	31
43	Plasmodium falciparum-Infected Erythrocytes and Î²-Hematin Induce Partial Maturation of Human Dendritic Cells and Increase Their Migratory Ability in Response to Lymphoid Chemokines. Infection and Immunity, 2011, 79, 2727-2736.	2.2	29
44	A recombinant two-module form of human properdin is an inhibitor of the complement alternative pathway. Molecular Immunology, 2016, 73, 76-87.	2.2	29
45	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. PLoS ONE, 2015, 10, e0143043.	2.5	28
46	Endotoxaemia is common in children with Plasmodium falciparummalaria. BMC Infectious Diseases, 2013, 13, 117.	2.9	27
47	Phenotypic and Functional Profiling of CD4 T Cell Compartment in Distinct Populations of Healthy Adults with Different Antigenic Exposure. PLoS ONE, 2013, 8, e55195.	2.5	27
48	Multiple functions of human T cells generated by experimental malaria challenge. European Journal of Immunology, 2009, 39, 3042-3051.	2.9	26
49	Putative serine/threonine protein kinase expressed in complement-resistant forms of Entamoeba histolytica. Molecular and Biochemical Parasitology, 1996, 80, 171-178.	1.1	24
50	Value of Plasmodium falciparum Histidine-Rich Protein 2 Level and Malaria Retinopathy in Distinguishing Cerebral Malaria From Other Acute Encephalopathies in Kenyan Children. Journal of Infectious Diseases, 2014, 209, 600-609.	4.0	23
51	The CSF Immune Response in HIV-1â€“Associated Cryptococcal Meningitis: Macrophage Activation, Correlates of Disease Severity, and Effect of Antiretroviral Therapy. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, 299-307.	2.1	23
52	Proportions of circulating follicular helper T cells are reduced and correlate with memory B cells in HIV-infected children. PLoS ONE, 2017, 12, e0175570.	2.5	22
53	Glycan-independent binding and internalization of human IgM to FCMR, its cognate cellular receptor. Scientific Reports, 2017, 7, 42989.	3.3	20
54	Cytomegalovirus viraemia is associated with poor growth and T-cell activation with an increased burden in HIV-exposed uninfected infants. Aids, 2017, 31, 1809-1818.	2.2	20

#	Article	IF	Citations
55	Interrogating the Impact of Intestinal Parasite-Microbiome on Pathogenesis of COVID-19 in Sub-Saharan Africa. Frontiers in Microbiology, 2021, 12, 614522.	3.5	19
56	Immune Responses to the Sexual Stages of Plasmodium falciparum Parasites. Frontiers in Immunology, 2019, 10, 136.	4.8	17
57	CD4+T Cell Responses to thePlasmodium falciparumErythrocyte Membrane Protein 1 in Children with Mild Malaria. Journal of Immunology, 2014, 192, 1753-1761.	0.8	15
58	Functional analysis of dendritic cellâ€“T cell interaction in sarcoidosis. Clinical and Experimental Immunology, 2009, 159, 82-86.	2.6	14
59	Increased adhesion of Plasmodium falciparum infected erythrocytes to ICAM-1 in children with acute intestinal injury. Malaria Journal, 2016, 15, 54.	2.3	14
60	T-Cell Responses to the DBLÎ±-Tag, a Short Semi-Conserved Region of the Plasmodium falciparum Membrane Erythrocyte Protein 1. PLoS ONE, 2012, 7, e30095.	2.5	11
61	Longitudinal profile of antibody response to SARS-CoV-2 in patients with COVID-19 in a setting from Subâ€“Saharan Africa: A prospective longitudinal study. PLoS ONE, 2022, 17, e0263627.	2.5	11
62	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. Vaccine Journal, 2016, 23, 576-585.	3.1	10
63	FREQUENCIES OF PERIPHERAL BLOOD MYELOID CELLS IN HEALTHY KENYAN CHILDREN WITH Î±+ THALASSEMIA AND THE SICKLE CELL TRAIT. American Journal of Tropical Medicine and Hygiene, 2006, 74, 578-584.	1.4	10
64	Dendritic cells in Plasmodium infection. Future Microbiology, 2008, 3, 279-286.	2.0	9
65	DNA extraction from urea-preserved blood or blood clots for use in PCR. Trends in Genetics, 1995, 11, 41.	6.7	7
66	Flow Cytometry To Assess Cerebrospinal Fluid Fungal Burden in Cryptococcal Meningitis. Journal of Clinical Microbiology, 2016, 54, 802-804.	3.9	7
67	Gametocyte Development and Carriage in Ghanaian Individuals with Uncomplicated Plasmodium falciparum Malaria. American Journal of Tropical Medicine and Hygiene, 2018, 99, 57-64.	1.4	7
68	Frequencies of peripheral blood myeloid cells in healthy Kenyan children with alpha+ thalassemia and the sickle cell trait. American Journal of Tropical Medicine and Hygiene, 2006, 74, 578-84.	1.4	7
69	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.	6.3	7
70	Antigenic cartography of immune responses to Plasmodium falciparum erythrocyte membrane protein 1 (PfEMP1). PLoS Pathogens, 2019, 15, e1007870.	4.7	6
71	10â€valent pneumococcal nonâ€typeable Haemophilus influenzae proteinâ€D conjugate vaccine (PHiDâ€CV) induces memory B cell responses in healthy Kenyan toddlers. Clinical and Experimental Immunology, 2015, 181, 297-305.	2.6	5
72	Immune Recognition of Plasmodium-Infected Erythrocytes. Advances in Experimental Medicine and Biology, 2009, 653, 175-184.	1.6	4

#	Article	IF	Citations
73	Influence of sex, season and environmental air quality on experimental human pneumococcal carriage acquisition: a retrospective cohort analysis. ERJ Open Research, 2022, 8, 00586-2021.	2.6	2
74	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, 0, 6, 161.	1.8	0