

Francis M Ndungu

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,054
citations

186265
28
h-index

175258
52
g-index

67
all docs

67
docs citations

67
times ranked

3864
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled human malaria infection (CHMI) outcomes in Kenyan adults is associated with prior history of malaria exposure and anti-schizont antibody response. <i>BMC Infectious Diseases</i> , 2022, 22, 86.	2.9	9
2	Transcriptomic signatures induced by the Ebola virus vaccine rVSV ^{GP} -ZEBOV-GP in adult cohorts in Europe, Africa, and North America: a molecular biomarker study. <i>Lancet Microbe</i> , The, 2022, 3, e113-e123.	7.3	6
3	Vitamin D Deficiency and Its Association with Iron Deficiency in African Children. <i>Nutrients</i> , 2022, 14, 1372.	4.1	10
4	Plasmodium falciparum-Specific Memory B-Cell and Antibody Responses Are Associated With Immunity in Children Living in an Endemic Area of Kenya. <i>Frontiers in Immunology</i> , 2022, 13, 799306.	4.8	3
5	TRUE-1: Trial of Repurposed Unithiol for snakebite Envenoming phase 1 (safety, tolerability,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 11 90.	1.8	13
6	Individual-level variations in malaria susceptibility and acquisition of clinical protection. <i>Wellcome Open Research</i> , 2021, 6, 22.	1.8	6
7	Malaria is a cause of iron deficiency in African children. <i>Nature Medicine</i> , 2021, 27, 653-658.	30.7	35
8	Atypical B cells are part of an alternative lineage of B cells that participates in responses to vaccination and infection in humans. <i>Cell Reports</i> , 2021, 34, 108684.	6.4	134
9	10-year longitudinal study of malaria in children: Insights into acquisition and maintenance of naturally acquired immunity. <i>Wellcome Open Research</i> , 2021, 6, 79.	1.8	7
10	Prevalence and predictors of vitamin D deficiency in young African children. <i>BMC Medicine</i> , 2021, 19, 115.	5.5	17
11	Seven-year kinetics of RTS, S/AS01-induced anti-CSP antibodies in young Kenyan children. <i>Malaria Journal</i> , 2021, 20, 452.	2.3	10
12	Bâ€cell memory in malaria: Myths and realities. <i>Immunological Reviews</i> , 2020, 293, 57-69.	6.0	34
13	The Impact of Malaria Parasites on Dendritic Cellâ€T Cell Interaction. <i>Frontiers in Immunology</i> , 2020, 11, 1597.	4.8	15
14	Malaria exposure drives both cognate and bystander human B cells to adopt an atypical phenotype. <i>European Journal of Immunology</i> , 2020, 50, 1187-1194.	2.9	19
15	Iron Deficiency Is Associated With Reduced Levels of Plasmodium falciparum-specific Antibodies in African Children. <i>Clinical Infectious Diseases</i> , 2020, 73, 43-49.	5.8	8
16	Estimating the burden of iron deficiency among African children. <i>BMC Medicine</i> , 2020, 18, 31.	5.5	47
17	Memory B-Cell Responses Against Merozoite Antigens After Acute Plasmodium falciparum Malaria, Assessed Over One Year Using a Novel Multiplexed FluoroSpot Assay. <i>Frontiers in Immunology</i> , 2020, 11, 619398.	4.8	6
18	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. <i>Science Advances</i> , 2019, 5, eaaw0109.	10.3	20

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19	Repeated clinical malaria episodes are associated with modification of the immune system in children. BMC Medicine, 2019, 17, 60.	5.5	37
20	Iron Status and Associated Malaria Risk Among African Children. Clinical Infectious Diseases, 2019, 68, 1807-1814.	5.8	38
21	Longitudinal Analysis of Infant Stool Bacteria Communities Before and After Acute Febrile Malaria and Artemether-Lumefantrine Treatment. Journal of Infectious Diseases, 2019, 220, 687-698.	4.0	16
22	Transmission and Age Impact the Risk of Developing Febrile Malaria in Children with Asymptomatic Plasmodium falciparum Parasitemia. Journal of Infectious Diseases, 2019, 219, 936-944.	4.0	20
23	A seven-year study on the effect of the pre-erythrocytic malaria vaccine candidate RTS,S/AS01E on blood stage immunity in young Kenyan children. Wellcome Open Research, 2019, 4, 42.	1.8	10
24	Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. Lancet Infectious Diseases, The, 2018, 18, 738-748.	9.1	62
25	Public antibodies to malaria antigens generated by two LAIR1 insertion modalities. Nature, 2017, 548, 597-601.	27.8	91
26	The effect of declining exposure on T cell-mediated immunity to Plasmodium falciparum – an epidemiological “natural experiment”. BMC Medicine, 2016, 14, 143.	5.5	20
27	A LAIR1 insertion generates broadly reactive antibodies against malaria variant antigens. Nature, 2016, 529, 105-109.	27.8	140
28	Ebola vaccine R&D: Filling the knowledge gaps. Science Translational Medicine, 2015, 7, 317ps24.	12.4	41
29	Identifying children with excess malaria episodes after adjusting for variation in exposure: identification from a longitudinal study using statistical count models. BMC Medicine, 2015, 13, 183.	5.5	25
30	Avidity of Anti-Circumsporozoite Antibodies following Vaccination with RTS,S/AS01E in Young Children. PLoS ONE, 2014, 9, e115126.	2.5	26
31	Long-lived Plasmodium falciparum specific memory B cells in naturally exposed Swedish travelers. European Journal of Immunology, 2013, 43, 2919-2929.	2.9	61
32	Chronic Exposure to Plasmodium falciparum Is Associated with Phenotypic Evidence of B and T Cell Exhaustion. Journal of Immunology, 2013, 190, 1038-1047.	0.8	261
33	Memory B cells are a more reliable archive for historical antimalarial responses than plasma antibodies in no-longer exposed children. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8247-8252.	7.1	71
34	High efficiency human memory B cell assay and its application to studying Plasmodium falciparum-specific memory B cells in natural infections. Journal of Immunological Methods, 2012, 375, 68-74.	1.4	31
35	A Statistical Interaction between Circumsporozoite Protein-Specific T Cell and Antibody Responses and Risk of Clinical Malaria Episodes following Vaccination with RTS,S/AS01E. PLoS ONE, 2012, 7, e52870.	2.5	43
36	Lack of Avidity Maturation of Merozoite Antigen-Specific Antibodies with Increasing Exposure to Plasmodium falciparum amongst Children and Adults Exposed to Endemic Malaria in Kenya. PLoS ONE, 2012, 7, e52939.	2.5	28

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37	Effect of HIV infection on the acute antibody response to malaria antigens in children: an observational study. <i>Malaria Journal</i> , 2011, 10, 55.	2.3	16
38	Distinct Kinetics of Memory B-Cell and Plasma-Cell Responses in Peripheral Blood Following a Blood-Stage <i>Plasmodium chabaudi</i> Infection in Mice. <i>PLoS ONE</i> , 2010, 5, e15007.	2.5	33
39	Functional Memory B Cells and Long-Lived Plasma Cells Are Generated after a Single <i>Plasmodium chabaudi</i> Infection in Mice. <i>PLoS Pathogens</i> , 2009, 5, e1000690.	4.7	64
40	Germinal centre and marginal zone B cells expand quickly in a second <i>Plasmodium chabaudi</i> malaria infection producing mature plasma cells. <i>Parasite Immunology</i> , 2009, 31, 20-31.	1.5	33
41	Immunity to malaria: more questions than answers. <i>Nature Immunology</i> , 2008, 9, 725-732.	14.5	724
42	Alterations of Splenic Architecture in Malaria Are Induced Independently of Toll-Like Receptors 2, 4, and 9 or MyD88 and May Affect Antibody Affinity. <i>Infection and Immunity</i> , 2008, 76, 3924-3931.	2.2	59
43	Antibodies among Men and Children to Placental-Binding <i>Plasmodium falciparum</i> -Infected Erythrocytes that Express var2csa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 22-28.	1.4	44
44	Antibodies among men and children to placental-binding <i>Plasmodium falciparum</i> -infected erythrocytes that express var2csa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 22-8.	1.4	35
45	CD4 T Cells from Malaria-Nonexposed Individuals Respond to the CD36-Binding Domain of <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein-1 via an MHC Class II-TCR-Independent Pathway. <i>Journal of Immunology</i> , 2006, 176, 5504-5512.	0.8	39
46	Regulation of immune response by <i>Plasmodium</i> -infected red blood cells. <i>Parasite Immunology</i> , 2005, 27, 373-384.	1.5	34
47	B Cell Memory to <i>Plasmodium falciparum</i> Blood-Stage Antigens in a Malaria-Endemic Area. <i>Journal of Infectious Diseases</i> , 2005, 191, 1623-1630.	4.0	91
48	<i>Plasmodium falciparum</i> Antigenic Variation: Relationships between In Vivo Selection, Acquired Antibody Response, and Disease Severity. <i>Journal of Infectious Diseases</i> , 2005, 192, 1119-1126.	4.0	37
49	CD4 T Cell Responses to a Variant Antigen of the Malaria Parasite <i>Plasmodium falciparum</i> , Erythrocyte Membrane Protein-1, in Individuals Living in Malaria-Endemic Areas. <i>Journal of Infectious Diseases</i> , 2002, 185, 812-819.	4.0	19
50	<i>Plasmodium falciparum</i> Infections Are Associated with Agglutinating Antibodies to Parasite-Infected Erythrocyte Surface Antigens among Healthy Kenyan Children. <i>Journal of Infectious Diseases</i> , 2002, 185, 1688-1691.	4.0	71
51	Naturally acquired immunoglobulin (Ig)G subclass antibodies to crude asexual <i>Plasmodium falciparum</i> lysates: evidence for association with protection for IgG1 and disease for IgG2. <i>Parasite Immunology</i> , 2002, 24, 77-82.	1.5	78
52	Oxidative stress and erythrocyte damage in Kenyan children with severe <i>Plasmodium falciparum</i> malaria. <i>British Journal of Haematology</i> , 2001, 113, 486-491.	2.5	91
53	<i>Plasmodium falciparum</i> -Infected Erythrocytes: Agglutination by Diverse Kenyan Plasma Is Associated with Severe Disease and Young Host Age. <i>Journal of Infectious Diseases</i> , 2000, 182, 252-259.	4.0	152
54	Impact of <i>Plasmodium falciparum</i> small-sized extracellular vesicles on host peripheral blood mononuclear cells. <i>Wellcome Open Research</i> , 0, 5, 197.	1.8	1

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55	Individual-level variations in malaria susceptibility and acquisition of clinical protection. Wellcome Open Research, 0, 6, 22.	1.8	4
56	Comparing drug regimens for clearance of malaria parasites in asymptomatic adults using PCR in Kilifi County, Kenya: an open-label randomised controlled clinical trial (MalPaC). Wellcome Open Research, 0, 5, 36.	1.8	1
57	Vitamin D Deficiency in Young African Children. SSRN Electronic Journal, 0, , .	0.4	1
58	Impact of Plasmodium falciparum small-sized extracellular vesicles on host peripheral blood mononuclear cells. Wellcome Open Research, 0, 5, 197.	1.8	1
59	10-year longitudinal study of malaria in children: Insights into acquisition and maintenance of naturally acquired immunity. Wellcome Open Research, 0, 6, 79.	1.8	4