

Matthew B Laurens

List of Publications by Year in descending order

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70
papers

3,854
citations

236833

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#	ARTICLE	IF	CITATIONS
1	An In Silico Analysis of Malaria Pre-Erythrocytic-Stage Antigens Interpreting Worldwide Genetic Data to Suggest Vaccine Candidate Variants and Epitopes. <i>Microorganisms</i> , 2022, 10, 1090.	1.6	2
2	Multidose Priming and Delayed Boosting Improve <i>Plasmodium falciparum</i> Sporozoite Vaccine Efficacy Against Heterologous <i>P. falciparum</i> Controlled Human Malaria Infection. <i>Clinical Infectious Diseases</i> , 2021, 73, e2424-e2435.	2.9	23
3	Safety and immunogenicity of co-administration of meningococcal type A and measles-rubella vaccines with typhoid conjugate vaccine in children aged 15-23 months in Burkina Faso. <i>International Journal of Infectious Diseases</i> , 2021, 102, 517-523.	1.5	20
4	Low dose recombinant full-length circumsporozoite protein-based <i>Plasmodium falciparum</i> vaccine is well-tolerated and highly immunogenic in phase 1 first-in-human clinical testing. <i>Vaccine</i> , 2021, 39, 1195-1200.	1.7	18
5	#63: Antibodies to Peptides Representing <i>Plasmodium falciparum</i> Circumsporozoite Protein Reflect Acquisition of Naturally Acquired Immunity in Malian Adults and Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, S10-S12.	0.6	0
6	Revisiting Co-trimoxazole Prophylaxis for African Adults in the Era of Antiretroviral Therapy: A Randomized Controlled Clinical Trial. <i>Clinical Infectious Diseases</i> , 2021, 73, 1058-1065.	2.9	8
7	Reply to Ramirez and Diaz-Quijano. <i>Clinical Infectious Diseases</i> , 2021, 73, 1551-1552.	2.9	0
8	Safety and immunogenicity of Vi-typhoid conjugate vaccine co-administration with routine 9-month vaccination in Burkina Faso: A randomized controlled phase 2 trial. <i>International Journal of Infectious Diseases</i> , 2021, 108, 465-472.	1.5	14
9	Malian adults maintain serologic responses to virulent PfEMP1s amid seasonal patterns of fluctuation. <i>Scientific Reports</i> , 2021, 11, 14401.	1.6	2
10	Novel malaria vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4549-4552.	1.4	7
11	Immunoprofiles associated with controlled human malaria infection and naturally acquired immunity identify a shared IgA pre-erythrocytic immunoproteome. <i>Npj Vaccines</i> , 2021, 6, 115.	2.9	2
12	Safety and Efficacy of a Typhoid Conjugate Vaccine in Malawian Children. <i>New England Journal of Medicine</i> , 2021, 385, 1104-1115.	13.9	82
13	Epitope-Specific Antibody Responses to a <i>Plasmodium falciparum</i> Subunit Vaccine Target in a Malaria-Endemic Population. <i>Journal of Infectious Diseases</i> , 2021, 223, 1943-1947.	1.9	3
14	Successful Profiling of <i>Plasmodium falciparum</i> Gene Expression in Clinical Samples via a Custom Capture Array. <i>MSystems</i> , 2021, 6, e0022621.	1.7	4
15	RTS,S/AS01 vaccine (Mosquirix [®]): an overview. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 480-489.	1.4	232
16	Epitope-based sieve analysis of <i>Plasmodium falciparum</i> sequences from a FMP2.1/AS02A vaccine trial is consistent with differential vaccine efficacy against immunologically relevant AMA1 variants. <i>Vaccine</i> , 2020, 38, 5700-5706.	1.7	5
17	High-dose Dexamethasone in a Child With Enteric Encephalopathy Caused by <i>Salmonella enterica</i> serovar Typhi. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e49-e51.	1.1	0
18	Microarray analyses reveal strain-specific antibody responses to <i>Plasmodium falciparum</i> apical membrane antigen 1 variants following natural infection and vaccination. <i>Scientific Reports</i> , 2020, 10, 3952.	1.6	24

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19	Host and Parasite Transcriptomic Changes upon Successive Plasmodium falciparum Infections in Early Childhood. <i>MSystems</i> , 2020, 5, .	1.7	7
20	Dose-Dependent Infectivity of Aseptic, Purified, Cryopreserved Plasmodium falciparum 7G8 Sporozoites in Malaria-Naive Adults. <i>Journal of Infectious Diseases</i> , 2019, 220, 1962-1966.	1.9	17
21	Serologic responses to the PfEMP1 DBL-CIDR head structure may be a better indicator of malaria exposure than those to the DBL-1 tag. <i>Malaria Journal</i> , 2019, 18, 273.	0.8	6
22	Visceral Leishmaniasis in West Africa: Clinical Characteristics, Vectors, and Reservoirs. <i>Journal of Parasitology Research</i> , 2019, 2019, 1-8.	0.5	11
23	Immunoglobulin G subclass and antibody avidity responses in Malian children immunized with Plasmodium falciparum apical membrane antigen 1 vaccine candidate FMP2.1/AS02A. <i>Malaria Journal</i> , 2019, 18, 13.	0.8	8
24	Typhoid Vaccine Acceleration Consortium Malawi: A Phase III, Randomized, Double-blind, Controlled Trial of the Clinical Efficacy of Typhoid Conjugate Vaccine Among Children in Blantyre, Malawi. <i>Clinical Infectious Diseases</i> , 2019, 68, S50-S58.	2.9	28
25	A Phase II, Randomized, Double-blind, Controlled Safety and Immunogenicity Trial of Typhoid Conjugate Vaccine in Children Under 2 Years of Age in Ouagadougou, Burkina Faso: A Methods Paper. <i>Clinical Infectious Diseases</i> , 2019, 68, S59-S66.	2.9	9
26	Antibodies to Peptides in Semiconserved Domains of RIFINs and STEVORs Correlate with Malaria Exposure. <i>MSphere</i> , 2019, 4, .	1.3	23
27	Community Engagement Before Initiation of Typhoid Conjugate Vaccine Trial in Schools in Two Urban Townships in Blantyre, Malawi: Experience and Lessons. <i>Clinical Infectious Diseases</i> , 2019, 68, S146-S153.	2.9	13
28	Human challenge trials in vaccine development, Rockville, MD, USA, September 28-30, 2017. <i>Biologicals</i> , 2019, 61, 85-94.	0.5	29
29	The Controlled Human Malaria Infection Experience at the University of Maryland. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 556-565.	0.6	11
30	A targeted approach for routine viral load monitoring in Malawian adults on antiretroviral therapy. <i>Tropical Medicine and International Health</i> , 2018, 23, 526-532.	1.0	12
31	Children with cerebral malaria or severe malarial anaemia lack immunity to distinct variant surface antigen subsets. <i>Scientific Reports</i> , 2018, 8, 6281.	1.6	31
32	The Promise of a Malaria Vaccine—Are We Closer?. <i>Annual Review of Microbiology</i> , 2018, 72, 273-292.	2.9	47
33	Attenuated PfSPZ Vaccine induces strain-transcending T cells and durable protection against heterologous controlled human malaria infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2711-2716.	3.3	201
34	New var reconstruction algorithm exposes high var sequence diversity in a single geographic location in Mali. <i>Genome Medicine</i> , 2017, 9, 30.	3.6	13
35	Strain-specific Plasmodium falciparum growth inhibition among Malian children immunized with a blood-stage malaria vaccine. <i>PLoS ONE</i> , 2017, 12, e0173294.	1.1	14
36	Frequent malaria illness episodes in two Malawian patients on antiretroviral therapy soon after stopping cotrimoxazole preventive therapy. <i>Malawi Medical Journal</i> , 2017, 29, 57.	0.2	2

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37	Spatio-Temporal Dynamics of Asymptomatic Malaria: Bridging the Gap Between Annual Malaria Resurgences in a Sahelian Environment. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1761-1769.	0.6	28
38	<i>Plasmodium vivax</i> Infections over 3 Years in Duffy Blood Group Negative Malians in Bandiagara, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 744-752.	0.6	52
39	TSCQ study: a randomized, controlled, open-label trial of daily trimethoprim-sulfamethoxazole or weekly chloroquine among adults on antiretroviral therapy in Malawi: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 322.	0.7	8
40	P-B9â€fTSCQ study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 71, 76.	0.9	0
41	Strain-specific <i>Plasmodium falciparum</i> multifunctional CD4+ T cell cytokine expression in Malian children immunized with the FMP2.1/AS02A vaccine candidate. <i>Vaccine</i> , 2016, 34, 2546-2555.	1.7	10
42	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. <i>Nature Medicine</i> , 2016, 22, 614-623.	15.2	313
43	The Immunologic Complexity of Growing Up with Malariaâ€”Is Scientific Understanding Coming of Age?. <i>Vaccine Journal</i> , 2016, 23, 80-83.	3.2	5
44	Optimizing Intradermal Administration of Cryopreserved <i>Plasmodium falciparum</i> Sporozoites in Controlled Human Malaria Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 1274-1284.	0.6	23
45	Ad35.CS.01 - RTS,S/AS01 Heterologous Prime Boost Vaccine Efficacy against Sporozoite Challenge in Healthy Malaria-Naïve Adults. <i>PLoS ONE</i> , 2015, 10, e0131571.	1.1	97
46	Seroreactivity to a Large Panel of Field-Derived <i>Plasmodium falciparum</i> Apical Membrane Antigen 1 and Merozoite Surface Protein 1 Variants Reflects Seasonal and Lifetime Acquired Responses to Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 9-12.	0.6	20
47	Differential Recognition of Terminal Extracellular <i>Plasmodium falciparum</i> VAR2CSA Domains by Sera from Multigravid, Malaria-Exposed Malian Women. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 1190-1194.	0.6	11
48	Hemoglobin C Trait Provides Protection From Clinical <i>Falciparum</i> Malaria in Malian Children. <i>Journal of Infectious Diseases</i> , 2015, 212, 1778-1786.	1.9	13
49	Vaccines Against Malaria. <i>Clinical Infectious Diseases</i> , 2015, 60, 930-936.	2.9	62
50	Controlled human malaria infections using aseptic, purified cryopreserved <i>Plasmodium falciparum</i> sporozoites administered by needle and syringe. <i>Malaria Journal</i> , 2014, 13, .	0.8	3
51	Stable malaria incidence despite scaling up control strategies in a malaria vaccine-testing site in Mali. <i>Malaria Journal</i> , 2014, 13, 374.	0.8	47
52	External Quality Assurance of Malaria Nucleic Acid Testing for Clinical Trials and Eradication Surveillance. <i>PLoS ONE</i> , 2014, 9, e97398.	1.1	28
53	Spatio-temporal analysis of malaria within a transmission season in Bandiagara, Mali. <i>Malaria Journal</i> , 2013, 12, 82.	0.8	44
54	Common Indications for Pediatric Antibiotic Prophylaxis. <i>Emergency Medicine Clinics of North America</i> , 2013, 31, 875-894.	0.5	3

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55	Protection Against Malaria by Intravenous Immunization with a Nonreplicating Sporozoite Vaccine. <i>Science</i> , 2013, 341, 1359-1365.	6.0	686
56	Molecular Basis of Allele-Specific Efficacy of a Blood-Stage Malaria Vaccine: Vaccine Development Implications. <i>Journal of Infectious Diseases</i> , 2013, 207, 511-519.	1.9	66
57	Seroreactivity to <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein 1 Intracellular Domain in Malaria-Exposed Children and Adults. <i>Journal of Infectious Diseases</i> , 2013, 208, 1514-1519.	1.9	20
58	Successful Human Infection with <i>P. falciparum</i> Using Three Aseptic <i>Anopheles stephensi</i> Mosquitoes: A New Model for Controlled Human Malaria Infection. <i>PLoS ONE</i> , 2013, 8, e68969.	1.1	26
59	Extended Safety, Immunogenicity and Efficacy of a Blood-Stage Malaria Vaccine in Malian Children: 24-Month Follow-Up of a Randomized, Double-Blinded Phase 2 Trial. <i>PLoS ONE</i> , 2013, 8, e79323.	1.1	38
60	Peritonitis and Technique Failure Caused by <i>Roseomonas mucosa</i> in an Adolescent Infected with HIV on Continuous Cycling Peritoneal Dialysis. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3801-3804.	1.8	15
61	Clinical manifestations of new versus recrudescent malaria infections following anti-malarial drug treatment. <i>Malaria Journal</i> , 2012, 11, 207.	0.8	21
62	A Longitudinal Trial Comparing Chloroquine as Monotherapy or in Combination with Artesunate, Azithromycin or Atovaquone-Proguanil to Treat Malaria. <i>PLoS ONE</i> , 2012, 7, e42284.	1.1	30
63	Live Attenuated Malaria Vaccine Designed to Protect Through Hepatic CD8 ⁺ T Cell Immunity. <i>Science</i> , 2011, 334, 475-480.	6.0	475
64	A Field Trial to Assess a Blood-Stage Malaria Vaccine. <i>New England Journal of Medicine</i> , 2011, 365, 1004-1013.	13.9	311
65	<i>Plasmodium falciparum</i> Malaria Challenge by the Bite of Aseptic <i>Anopheles stephensi</i> Mosquitoes: Results of a Randomized Infectivity Trial. <i>PLoS ONE</i> , 2010, 5, e13490.	1.1	42
66	Development of a metabolically active, non-replicating sporozoite vaccine to prevent <i>Plasmodium falciparum</i> malaria. <i>Hum Vaccin</i> , 2010, 6, 97-106.	2.4	258
67	Safety and Immunogenicity of an AMA1 Malaria Vaccine in Malian Children: Results of a Phase 1 Randomized Controlled Trial. <i>PLoS ONE</i> , 2010, 5, e9041.	1.1	54
68	MRSA with progression from otitis media and sphenoid sinusitis to clival osteomyelitis, pachymeningitis and abducens nerve palsy in an immunocompetent 10-year-old patient. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2008, 72, 945-951.	0.4	37
69	Nonemergent Emergency Room Utilization for an Inner-City Pediatric Population. <i>Pediatric Emergency Care</i> , 2005, 21, 363-366.	0.5	26
70	Impact of a Population-Based Medical Curriculum on Specialty Choice. <i>Journal of Health Care for the Poor and Underserved</i> , 2001, 12, 261-271.	0.4	3