

# Terrie E Taylor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1156777/publications.pdf>

Version: 2024-02-01

111  
papers

6,386  
citations

94433

37  
h-index

74163

75  
g-index

115  
all docs

115  
docs citations

115  
times ranked

5323  
citing authors

#	ARTICLE	IF	CITATIONS
1	How Does Blood-Retinal Barrier Breakdown Relate to Death and Disability in Pediatric Cerebral Malaria?. <i>Journal of Infectious Diseases</i> , 2022, 225, 1070-1080.	4.0	18
2	School-Based Malaria Screening and Treatment Reduces <i>Plasmodium falciparum</i> Infection and Anemia Prevalence in Two Transmission Settings in Malawi. <i>Journal of Infectious Diseases</i> , 2022, 226, 138-146.	4.0	3
3	Pipelicolic Acid, a Putative Mediator of the Encephalopathy of Cerebral Malaria and the Experimental Model of Cerebral Malaria. <i>Journal of Infectious Diseases</i> , 2022, 225, 705-714.	4.0	3
4	“I do lack peace, and I’ve run out of answers” primary caregivers’ perspectives on social and behavioural problems in cerebral malaria survivors in Blantyre, Malawi. <i>Malaria Journal</i> , 2022, 21, 123.	2.3	0
5	Implementation of a Low-Field Portable MRI Scanner in a Resource-Constrained Environment: Our Experience in Malawi. <i>American Journal of Neuroradiology</i> , 2022, , .	2.4	7
6	Specific Components Associated With the Endothelial Glycocalyx Are Lost From Brain Capillaries in Cerebral Malaria. <i>Journal of Infectious Diseases</i> , 2022, 226, 1470-1479.	4.0	2
7	Time-to-death is a potential confounder in observational studies of blood transfusion in severe malaria – Authors’ reply. <i>Lancet Haematology</i> , 2021, 8, e12-e13.	4.6	2
8	School-based screening and treatment may reduce <i>P. falciparum</i> transmission. <i>Scientific Reports</i> , 2021, 11, 6905.	3.3	13
9	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.	5.8	8
10	Population Attributable Fraction of Anemia Associated with <i>Plasmodium falciparum</i> Infection in Children in Southern Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1013-1017.	1.4	6
11	Adipose tissue parasite sequestration drives leptin production in mice and correlates with human cerebral malaria. <i>Science Advances</i> , 2021, 7, .	10.3	4
12	Overdiagnosis of Malaria Illness in an Endemic Setting: A Facility-Based Surveillance Study in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 2123-2130.	1.4	4
13	Cerebral malaria: insight into pathology from optical coherence tomography. <i>Scientific Reports</i> , 2021, 11, 15722.	3.3	13
14	Tracking severe malaria disease. <i>Science</i> , 2021, 373, 855-856.	12.6	1
15	Determinants of brain swelling in pediatric and adult cerebral malaria. <i>JCI Insight</i> , 2021, 6, .	5.0	25
16	The effect of blood transfusion on outcomes among African children admitted to hospital with <i>Plasmodium falciparum</i> malaria: a prospective, multicentre observational study. <i>Lancet Haematology</i> , 2020, 7, e789-e797.	4.6	13
17	Dimethyl fumarate reduces TNF and <i>Plasmodium falciparum</i> induced brain endothelium activation in vitro. <i>Malaria Journal</i> , 2020, 19, 376.	2.3	9
18	Parasite histones are toxic to brain endothelium and link blood barrier breakdown and thrombosis in cerebral malaria. <i>Blood Advances</i> , 2020, 4, 2851-2864.	5.2	25

#	ARTICLE	IF	CITATIONS
19	Submicroscopic malaria infection is not associated with fever in cross-sectional studies in Malawi. <i>Malaria Journal</i> , 2020, 19, 233.	2.3	6
20	Amount of Brain Edema Correlates With Neurologic Recovery in Pediatric Cerebral Malaria. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, 277-282.	2.0	7
21	Plasma cell-free DNA predicts pediatric cerebral malaria severity. <i>JCI Insight</i> , 2020, 5, .	5.0	11
22	CD8+ T cells target cerebrovasculature in children with cerebral malaria. <i>Journal of Clinical Investigation</i> , 2020, 130, 1128-1138.	8.2	73
23	Central Nervous System Virus Infection in African Children with Cerebral Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 200-205.	1.4	6
24	Prevalence and Clinical Management of Non-malarial Febrile Illnesses among Outpatients in the Era of Universal Malaria Testing in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 887-893.	1.4	7
25	Comparison of CD8+ T Cell Accumulation in the Brain During Human and Murine Cerebral Malaria. <i>Frontiers in Immunology</i> , 2019, 10, 1747.	4.8	37
26	Diffusion-Weighted MR Imaging in a Prospective Cohort of Children with Cerebral Malaria Offers Insights into Pathophysiology and Prognosis. <i>American Journal of Neuroradiology</i> , 2019, 40, 1575-1580.	2.4	6
27	Net age, but not integrity, may be associated with decreased protection against <i>Plasmodium falciparum</i> infection in southern Malawi. <i>Malaria Journal</i> , 2019, 18, 329.	2.3	9
28	Naturally acquired immunity against immature <i>Plasmodium falciparum</i> gametocytes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
29	Binding Heterogeneity of <i>Plasmodium falciparum</i> to Engineered 3D Brain Microvessels Is Mediated by EPCR and ICAM-1. <i>MBio</i> , 2019, 10, .	4.1	34
30	Meta-analysis of <i>Plasmodium falciparum</i> Signatures Contributing to Severe Malaria in African Children and Indian Adults. <i>MBio</i> , 2019, 10, .	4.1	28
31	Comparison of <i>msp</i> genotyping and a 24 SNP molecular assay for differentiating <i>Plasmodium falciparum</i> recrudescence from reinfection. <i>Malaria Journal</i> , 2019, 18, 84.	2.3	1
32	Association Between Age and <i>Plasmodium falciparum</i> Infection Dynamics. <i>American Journal of Epidemiology</i> , 2019, 188, 169-176.	3.4	20
33	Cerebral malaria is associated with differential cytoadherence to brain endothelial cells. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	83
34	Neurodevelopmental Impairments 1 Year After Cerebral Malaria. <i>Pediatrics</i> , 2019, 143, e20181026.	2.1	39
35	Challenges in Treatment for Fever among School-Age Children and Adults in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 287-295.	1.4	13
36	Impact of Multiplicity of <i>Plasmodium falciparum</i> Infection on Clinical Disease in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 412-415.	1.4	7

#	ARTICLE	IF	CITATIONS
37	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.	2.3	12
38	Pathology-Based Research in Africa. <i>Clinics in Laboratory Medicine</i> , 2018, 38, 67-90.	1.4	5
39	Brain swelling is independent of peripheral plasma cytokine levels in Malawian children with cerebral malaria. <i>Malaria Journal</i> , 2018, 17, 435.	2.3	27
40	Clinical Implications of Asymptomatic <i>Plasmodium falciparum</i> Infections in Malawi. <i>Clinical Infectious Diseases</i> , 2018, 68, 106-112.	5.8	21
41	<i>Plasmodium</i> gametocytes display homing and vascular transmigration in the host bone marrow. <i>Science Advances</i> , 2018, 4, eaat3775.	10.3	72
42	Admission EEG findings in diverse paediatric cerebral malaria populations predict outcomes. <i>Malaria Journal</i> , 2018, 17, 208.	2.3	16
43	Simulation models predict that school-age children are responsible for most human-to-mosquito <i>Plasmodium falciparum</i> transmission in southern Malawi. <i>Malaria Journal</i> , 2018, 17, 147.	2.3	46
44	Cerebrospinal fluid <i>Plasmodium falciparum</i> histidine-rich protein-2 in pediatric cerebral malaria. <i>Malaria Journal</i> , 2018, 17, 125.	2.3	8
45	Noninvasive measures of brain edema predict outcome in pediatric cerebral malaria. , 2018, 9, 53.		12
46	1.5 Tesla Magnetic Resonance Imaging to Investigate Potential Etiologies of Brain Swelling in Pediatric Cerebral Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 497-504.	1.4	36
47	Type I Interferon Receptor Variants in Gene Regulatory Regions are Associated with Susceptibility to Cerebral Malaria in Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1692-1698.	1.4	18
48	Automated Detection of Malarial Retinopathy in Digital Fundus Images for Improved Diagnosis in Malawian Children with Clinically Defined Cerebral Malaria. <i>Scientific Reports</i> , 2017, 7, 42703.	3.3	15
49	Measuring Success in Global Health Training: Data From 14 Years of a Postdoctoral Fellowship in Infectious Diseases and Tropical Medicine. <i>Clinical Infectious Diseases</i> , 2017, 64, 1768-1772.	5.8	4
50	Resistance to malaria through structural variation of red blood cell invasion receptors. <i>Science</i> , 2017, 356, .	12.6	135
51	Magnetic Resonance Imaging of Cerebral Malaria Patients Reveals Distinct Pathogenetic Processes in Different Parts of the Brain. <i>MSphere</i> , 2017, 2, .	2.9	85
52	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. <i>Cell Host and Microbe</i> , 2017, 22, 601-614.e5.	11.0	92
53	Exploring neurodevelopmental outcome measures used in children with cerebral malaria: the perspectives of caregivers and health workers in Malawi. <i>BMC Pediatrics</i> , 2017, 17, 9.	1.7	16
54	Insecticide-treated net effectiveness at preventing <i>Plasmodium falciparum</i> infection varies by age and season. <i>Malaria Journal</i> , 2017, 16, 32.	2.3	10

#	ARTICLE	IF	CITATIONS
55	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.	0.6	2
56	Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. <i>ELife</i> , 2017, 6, .	6.0	64
57	Extensive alterations of blood metabolites in pediatric cerebral malaria. <i>PLoS ONE</i> , 2017, 12, e0175686.	2.5	32
58	Cognitive Outcomes and Psychiatric Symptoms of Retinopathy-Positive Cerebral Malaria: Cohort Description and Baseline Results. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 225-231.	1.4	22
59	Evidence from a natural experiment that malaria parasitemia is pathogenic in retinopathy-negative cerebral malaria. <i>ELife</i> , 2017, 6, .	6.0	18
60	The Eyes Have Itâ€”Or Do They?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1007-1008.	1.4	0
61	High prevalence of Plasmodium falciparum gametocyte infections in school-age children using molecular detection: patterns and predictors of risk from a cross-sectional study in southern Malawi. <i>Malaria Journal</i> , 2016, 15, 527.	2.3	51
62	Intramuscular Artesunate for Severe Malaria in African Children: A Multicenter Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016, 13, e1001938.	8.4	44
63	Parasite dynamics in the peripheral blood and the placenta during pregnancy-associated malaria infection. <i>Malaria Journal</i> , 2016, 15, 483.	2.3	19
64	Patterns and determinants of malaria risk in urban and peri-urban areas of Blantyre, Malawi. <i>Malaria Journal</i> , 2016, 15, 590.	2.3	43
65	HIV coinfection influences the inflammatory response but not the outcome of cerebral malaria in Malawian children. <i>Journal of Infection</i> , 2016, 73, 189-199.	3.3	12
66	Bed net use among school-aged children after a universal bed net campaign in Malawi. <i>Malaria Journal</i> , 2016, 15, 127.	2.3	45
67	Lymphocyte Perturbations in Malawian Children with Severe and Uncomplicated Malaria. <i>Vaccine Journal</i> , 2016, 23, 95-103.	3.1	23
68	Comparison of the effectiveness of three retinal camera technologies for malarial retinopathy detection in Malawi. <i>Proceedings of SPIE</i> , 2016, 9693, .	0.8	6
69	Activated Neutrophils Are Associated with Pediatric Cerebral Malaria Vasculopathy in Malawian Children. <i>MBio</i> , 2016, 7, e01300-15.	4.1	70
70	Evidence for spleen dysfunction in malaria-HIV co-infection in a subset of pediatric patients. <i>Modern Pathology</i> , 2016, 29, 381-390.	5.5	13
71	The prevalence of malaria at first antenatal visit in Blantyre, Malawi declined following a universal bed net campaign. <i>Malaria Journal</i> , 2015, 14, 422.	2.3	17
72	The effect of local variation in malaria transmission on the prevalence of sulfadoxineâ€“pyrimethamine resistant haplotypes and selective sweep characteristics in Malawi. <i>Malaria Journal</i> , 2015, 14, 387.	2.3	5

#	ARTICLE	IF	CITATIONS
73	Lipid metabolites of the phospholipase A2 pathway and inflammatory cytokines are associated with brain volume in paediatric cerebral malaria. <i>Malaria Journal</i> , 2015, 14, 513.	2.3	28
74	Fatal Pediatric Cerebral Malaria Is Associated with Intravascular Monocytes and Platelets That Are Increased with HIV Coinfection. <i>MBio</i> , 2015, 6, e01390-15.	4.1	64
75	Correlation of hemorrhage, axonal damage, and blood-tissue barrier disruption in brain and retina of Malawian children with fatal cerebral malaria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 18.	3.9	31
76	Quantitative Assessment of Multiorgan Sequestration of Parasites in Fatal Pediatric Cerebral Malaria. <i>Journal of Infectious Diseases</i> , 2015, 212, 1317-1321.	4.0	70
77	Transcriptional profiling defines dynamics of parasite tissue sequestration during malaria infection. <i>Genome Medicine</i> , 2015, 7, 19.	8.2	77
78	Subtle changes in <i>Plasmodium falciparum</i> infection complexity following enhanced intervention in Malawi. <i>Acta Tropica</i> , 2015, 142, 108-114.	2.0	27
79	Modeling malaria genomics reveals transmission decline and rebound in Senegal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7067-7072.	7.1	163
80	Brain Swelling and Death in Children with Cerebral Malaria. <i>New England Journal of Medicine</i> , 2015, 372, 1126-1137.	27.0	305
81	The pathogenesis of pediatric cerebral malaria: eye exams, autopsies, and neuroimaging. <i>Annals of the New York Academy of Sciences</i> , 2015, 1342, 44-52.	3.8	35
82	School-Age Children Are a Reservoir of Malaria Infection in Malawi. <i>PLoS ONE</i> , 2015, 10, e0134061.	2.5	168
83	The systemic pathology of cerebral malaria in African children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 104.	3.9	110
84	<i>Plasmodium falciparum</i> transmission stages accumulate in the human bone marrow. <i>Science Translational Medicine</i> , 2014, 6, 244re5.	12.4	239
85	Brain MRI of Children with Retinopathy-Negative Cerebral Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 943-949.	1.4	12
86	Differential PfEMP1 Expression Is Associated with Cerebral Malaria Pathology. <i>PLoS Pathogens</i> , 2014, 10, e1004537.	4.7	34
87	Chloroquine-Azithromycin Combination Antimalarial Treatment Decreases Risk of Respiratory- and Gastrointestinal-Tract Infections in Malawian Children. <i>Journal of Infectious Diseases</i> , 2014, 210, 585-592.	4.0	12
88	Reply: Retinopathy, histidine-rich protein-2 and perfusion pressure in cerebral malaria. <i>Brain</i> , 2014, 137, e299-e299.	7.6	1
89	Cerebral malaria in children: using the retina to study the brain. <i>Brain</i> , 2014, 137, 2119-2142.	7.6	81
90	<i>Plasmodium falciparum</i> gene expression measured directly from tissue during human infection. <i>Genome Medicine</i> , 2014, 6, 110.	8.2	11

#	ARTICLE	IF	CITATIONS
91	Inferring Developmental Stage Composition from Gene Expression in Human Malaria. PLoS Computational Biology, 2013, 9, e1003392.	3.2	45
92	Loss of endothelial protein C receptors links coagulation and inflammation to parasite sequestration in cerebral malaria in African children. Blood, 2013, 122, 842-851.	1.4	186
93	Supraorbital Postmortem Brain Sampling for Definitive Quantitative Confirmation of Cerebral Sequestration of Plasmodium falciparum Parasites. Journal of Infectious Diseases, 2012, 205, 1601-1606.	4.0	16
94	Plasma Concentrations of Parasite Histidine-Rich Protein 2 Distinguish Between Retinopathy-Positive and Retinopathy-Negative Cerebral Malaria in Malawian Children. Journal of Infectious Diseases, 2012, 206, 309-318.	4.0	70
95	The Neuropathology of Fatal Cerebral Malaria in Malawian Children. American Journal of Pathology, 2011, 178, 2146-2158.	3.8	252
96	Vascular endothelial cells cultured from patients with cerebral or uncomplicated malaria exhibit differential reactivity to TNF. Cellular Microbiology, 2011, 13, 198-209.	2.1	64
97	Blantyre Malaria Project Epilepsy Study (BMPES) of neurological outcomes in retinopathy-positive paediatric cerebral malaria survivors: a prospective cohort study. Lancet Neurology, The, 2010, 9, 1173-1181.	10.2	196
98	Pentoxifylline as an adjunct therapy in children with cerebral malaria. Malaria Journal, 2010, 9, 368.	2.3	23
99	Genome-wide and fine-resolution association analysis of malaria in West Africa. Nature Genetics, 2009, 41, 657-665.	21.4	345
100	Caring for children with cerebral malaria: insights gleaned from 20 years on a research ward in Malawi. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, S6-S10.	1.8	60
101	Bacteremia in Malawian Children with Severe Malaria: Prevalence, Etiology, HIV Coinfection, and Outcome. Journal of Infectious Diseases, 2007, 195, 895-904.	4.0	233
102	Malaria: Mechanisms of Erythrocytic Infection and Pathological Correlates of Severe Disease. Annual Review of Pathology: Mechanisms of Disease, 2007, 2, 217-249.	22.4	179
103	Standardized data collection for multi-center clinical studies of severe malaria in African children: establishing the SMAC network. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2006, 100, 615-622.	1.8	81
104	The Distribution and Intensity of Parasite Sequestration in Comatose Malawian Children. Journal of Infectious Diseases, 2006, 194, 208-205.	4.0	128
105	MALARIAL RETINOPATHY: A NEWLY ESTABLISHED DIAGNOSTIC SIGN IN SEVERE MALARIA. American Journal of Tropical Medicine and Hygiene, 2006, 75, 790-797.	1.4	261
106	Malarial retinopathy: a newly established diagnostic sign in severe malaria. American Journal of Tropical Medicine and Hygiene, 2006, 75, 790-7.	1.4	126
107	Reply to White and Silamut. Journal of Infectious Diseases, 2005, 192, 547-548.	4.0	2
108	Differentiating the pathologies of cerebral malaria by postmortem parasite counts. Nature Medicine, 2004, 10, 143-145.	30.7	656

#	ARTICLE	IF	CITATIONS
109	Platelet Accumulation in Brain Microvessels in Fatal Pediatric Cerebral Malaria. Journal of Infectious Diseases, 2003, 187, 461-466.	4.0	300
110	The pattern of bacteraemia in children with severe malaria. Malawi Medical Journal, 2002, 14, 11-5.	0.6	3
111	Cerebral Metabolic Crisis in Pediatric Cerebral Malaria. Journal of Pediatric Intensive Care, 0, , .	0.8	0