

Thomas Williams

List of Publications by Year in descending order

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43
papers

1,194
citations

516710

16
h-index

434195

31
g-index

44
all docs

44
docs citations

44
times ranked

1560
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyurea for Children with Sickle Cell Anemia in Sub-Saharan Africa. <i>New England Journal of Medicine</i> , 2019, 380, 121-131.	27.0	200
2	Resistance to malaria through structural variation of red blood cell invasion receptors. <i>Science</i> , 2017, 356, .	12.6	135
3	Human genetics and malaria resistance. <i>Human Genetics</i> , 2020, 139, 801-811.	3.8	93
4	Human candidate gene polymorphisms and risk of severe malaria in children in Kilifi, Kenya: a case-control association study. <i>Lancet Haematology</i> , 2018, 5, e333-e345.	4.6	90
5	Glucose-6-phosphate dehydrogenase deficiency and the risk of malaria and other diseases in children in Kenya: a case-control and a cohort study. <i>Lancet Haematology</i> , 2015, 2, e437-e444.	4.6	74
6	Red blood cell tension protects against severe malaria in the Dantu blood group. <i>Nature</i> , 2020, 585, 579-583.	27.8	69
7	The epidemiology of sickle cell disease in children recruited in infancy in Kilifi, Kenya: a prospective cohort study. <i>The Lancet Global Health</i> , 2019, 7, e1458-e1466.	6.3	62
8	The clinical epidemiology of sickle cell anemia in Africa. <i>American Journal of Hematology</i> , 2018, 93, 363-370.	4.1	49
9	Human genetic and metabolite variation reveals that methylthioadenosine is a prognostic biomarker and an inflammatory regulator in sepsis. <i>Science Advances</i> , 2017, 3, e1602096.	10.3	46
10	Malaria protection due to sickle haemoglobin depends on parasite genotype. <i>Nature</i> , 2022, 602, 106-111.	27.8	36
11	Children's Oxygen Administration Strategies Trial (COAST): A randomised controlled trial of high flow versus oxygen versus control in African children with severe pneumonia. <i>Wellcome Open Research</i> , 2017, 2, 100.	1.8	27
12	Two complement receptor one alleles have opposing associations with cerebral malaria and interact with α -thalassaemia. <i>ELife</i> , 2018, 7, .	6.0	25
13	The indirect health effects of malaria estimated from health advantages of the sickle cell trait. <i>Nature Communications</i> , 2019, 10, 856.	12.8	23
14	Children's Oxygen Administration Strategies Trial (COAST): A randomised controlled trial of high flow versus oxygen versus control in African children with severe pneumonia. <i>Wellcome Open Research</i> , 2017, 2, 100.	1.8	23
15	Observed and expected frequencies of structural hemoglobin variants in newborn screening surveys in Africa and the Middle East: deviations from Hardy-Weinberg equilibrium. <i>Genetics in Medicine</i> , 2016, 18, 265-274.	2.4	22
16	Improving statistical power in severe malaria genetic association studies by augmenting phenotypic precision. <i>ELife</i> , 2021, 10, .	6.0	22
17	Realizing effectiveness across continents with hydroxyurea: Enrollment and baseline characteristics of the multicenter REACH study in Sub-Saharan Africa. <i>American Journal of Hematology</i> , 2018, 93, 537-545.	4.1	20
18	Effects of vitamin D deficiency on neurobehavioural outcomes in children: a systematic review. <i>Wellcome Open Research</i> , 2020, 5, 28.	1.8	16

#	ARTICLE	IF	CITATIONS
19	Transfusion management of severe anaemia in African children: a consensus algorithm. <i>British Journal of Haematology</i> , 2021, 193, 1247-1259.	2.5	15
20	How Severe Anaemia Might Influence the Risk of Invasive Bacterial Infections in African Children. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6976.	4.1	14
21	Evaluation of the diagnostic accuracy and cost of different methods for the assessment of severe anaemia in hospitalised children in Eastern Uganda. <i>Wellcome Open Research</i> , 2018, 3, 130.	1.8	13
22	The clinical spectrum of severe childhood malaria in Eastern Uganda. <i>Malaria Journal</i> , 2020, 19, 322.	2.3	11
23	Subphenotypes of sickle cell disease in Africa. <i>Blood</i> , 2017, 130, 2157-2158.	1.4	10
24	Gametocyte carriage in an era of changing malaria epidemiology: A 19-year analysis of a malaria longitudinal cohort. <i>Wellcome Open Research</i> , 2019, 4, 66.	1.8	10
25	Evaluation of the diagnostic accuracy and cost of different methods for the assessment of severe anaemia in hospitalised children in Eastern Uganda. <i>Wellcome Open Research</i> , 2018, 3, 130.	1.8	10
26	Gametocyte carriage in an era of changing malaria epidemiology: A 19-year analysis of a malaria longitudinal cohort. <i>Wellcome Open Research</i> , 2019, 4, 66.	1.8	10
27	Effects of vitamin D deficiency on neurobehavioural outcomes in children: a systematic review. <i>Wellcome Open Research</i> , 2020, 5, 28.	1.8	9
28	Prevalence of Inherited Hemoglobin Disorders and Relationships with Anemia and Micronutrient Status among Children in Yaoundé and Douala, Cameroon. <i>Nutrients</i> , 2017, 9, 693.	4.1	7
29	Thalassemia pathogenic variants in a cohort of children from the East African coast. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1294.	1.2	5
30	Vitamin D Status Is Not Associated with Cognitive or Motor Function in Pre-School Ugandan Children. <i>Nutrients</i> , 2020, 12, 1662.	4.1	5
31	Linking health facility data from young adults aged 18-24 years to longitudinal demographic data: Experience from The Kilifi Health and Demographic Surveillance System. <i>Wellcome Open Research</i> , 2017, 2, 51.	1.8	5
32	Informing thresholds for paediatric transfusion in Africa: the need for a trial. <i>Wellcome Open Research</i> , 2019, 4, 27.	1.8	5
33	Linking health facility data from young adults aged 18-24 years to longitudinal demographic data: Experience from The Kilifi Health and Demographic Surveillance System. <i>Wellcome Open Research</i> , 2017, 2, 51.	1.8	5
34	Characterising demographics, knowledge, practices and clinical care among patients attending sickle cell disease clinics in Eastern Uganda. <i>Wellcome Open Research</i> , 2020, 5, 87.	1.8	5
35	Haplotype heterogeneity and low linkage disequilibrium reduce reliable prediction of genotypes for the β^0 form of β -thalassaemia using genome-wide microarray data. <i>Wellcome Open Research</i> , 2020, 5, 287.	1.8	4
36	Informing thresholds for paediatric transfusion in Africa: the need for a trial. <i>Wellcome Open Research</i> , 2019, 4, 27.	1.8	4

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37	A predictive algorithm for identifying children with sickle cell anemia among children admitted to hospital with severe anemia in Africa. <i>American Journal of Hematology</i> , 2022, 97, 527-536.	4.1	4
38	Haplotype heterogeneity and low linkage disequilibrium reduce reliable prediction of genotypes for the β^0 form of β^0 -thalassaemia using genome-wide microarray data. <i>Wellcome Open Research</i> , 2020, 5, 287.	1.8	3
39	Mortality in rural coastal Kenya measured using the Kilifi Health and Demographic Surveillance System: a 16-year descriptive analysis. <i>Wellcome Open Research</i> , 0, 6, 327.	1.8	3
40	Case Report: β^0 -thalassemia major on the East African coast. <i>Wellcome Open Research</i> , 0, 7, 188.	1.8	2
41	Children's Oxygen Administration Strategies And Nutrition Trial (COAST-Nutrition): a protocol for a phase II randomised controlled trial. <i>Wellcome Open Research</i> , 2021, 6, 221.	1.8	1
42	Children's Oxygen Administration Strategies And Nutrition Trial (COAST-Nutrition): a protocol for a phase II randomised controlled trial. <i>Wellcome Open Research</i> , 0, 6, 221.	1.8	1
43	Characterising demographics, knowledge, practices and clinical care among patients attending sickle cell disease clinics in Eastern Uganda. <i>Wellcome Open Research</i> , 2020, 5, 87.	1.8	1