

# Thomas Williams

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9315102/publications.pdf>

Version: 2024-02-01

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	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
2	Malaria protection due to sickle haemoglobin depends on parasite genotype. <i>Nature</i> , 2022, 602, 106-111.	27.8	36
3	Transfusion management of severe anaemia in African children: a consensus algorithm. <i>British Journal of Haematology</i> , 2021, 193, 1247-1259.	2.5	15
4	Improving statistical power in severe malaria genetic association studies by augmenting phenotypic precision. <i>ELife</i> , 2021, 10, .	6.0	22
5	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
6	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
7	Red blood cell tension protects against severe malaria in the Dantu blood group. <i>Nature</i> , 2020, 585, 579-583.	27.8	69
8	The clinical spectrum of severe childhood malaria in Eastern Uganda. <i>Malaria Journal</i> , 2020, 19, 322.	2.3	11
9	β-thalassaemia pathogenic variants in a cohort of children from the East African coast. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1294.	1.2	5
10	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
11	Human genetics and malaria resistance. <i>Human Genetics</i> , 2020, 139, 801-811.	3.8	93
12	Haplotype heterogeneity and low linkage disequilibrium reduce reliable prediction of genotypes for the β <sup>+</sup> form of β-thalassaemia using genome-wide microarray data. <i>Wellcome Open Research</i> , 2020, 5, 287.	1.8	3
13	Effects of vitamin D deficiency on neurobehavioural outcomes in children: a systematic review. <i>Wellcome Open Research</i> , 2020, 5, 28.	1.8	16
14	Haplotype heterogeneity and low linkage disequilibrium reduce reliable prediction of genotypes for the β <sup>+</sup> form of β-thalassaemia using genome-wide microarray data. <i>Wellcome Open Research</i> , 2020, 5, 287.	1.8	4
15	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
16	Effects of vitamin D deficiency on neurobehavioural outcomes in children: a systematic review. <i>Wellcome Open Research</i> , 2020, 5, 28.	1.8	9
17	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
18	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

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19	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
20	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
21	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
22	Informing thresholds for paediatric transfusion in Africa: the need for a trial. <i>Wellcome Open Research</i> , 2019, 4, 27.	1.8	5
23	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
24	Informing thresholds for paediatric transfusion in Africa: the need for a trial. <i>Wellcome Open Research</i> , 2019, 4, 27.	1.8	4
25	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
26	The clinical epidemiology of sickle cell anemia in Africa. <i>American Journal of Hematology</i> , 2018, 93, 363-370.	4.1	49
27	Two complement receptor one alleles have opposing associations with cerebral malaria and interact with $\beta$ -thalassaemia. <i>ELife</i> , 2018, 7, .	6.0	25
28	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
29	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
30	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
31	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
32	Resistance to malaria through structural variation of red blood cell invasion receptors. <i>Science</i> , 2017, 356, .	12.6	135
33	Subphenotypes of sickle cell disease in Africa. <i>Blood</i> , 2017, 130, 2157-2158.	1.4	10
34	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
35	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
36	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

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37	Children's Oxygen Administration Strategies Trial (COAST): A randomised controlled trial of high flow versus oxygen versus control in African children with severe pneumonia. Wellcome Open Research, 2017, 2, 100.	1.8	23
38	Linking health facility data from young adults aged 18-24 years to longitudinal demographic data: Experience from The Kilifi Health and Demographic Surveillance System. Wellcome Open Research, 2017, 2, 51.	1.8	5
39	Observed and expected frequencies of structural hemoglobin variants in newborn screening surveys in Africa and the Middle East: deviations from Hardy-Weinberg equilibrium. Genetics in Medicine, 2016, 18, 265-274.	2.4	22
40	Glucose-6-phosphate dehydrogenase deficiency and the risk of malaria and other diseases in children in Kenya: a case-control and a cohort study. Lancet Haematology, 2015, 2, e437-e444.	4.6	74
41	Children's Oxygen Administration Strategies And Nutrition Trial (COAST-Nutrition): a protocol for a phase II randomised controlled trial. Wellcome Open Research, 0, 6, 221.	1.8	1
42	Mortality in rural coastal Kenya measured using the Kilifi Health and Demographic Surveillance System: a 16-year descriptive analysis. Wellcome Open Research, 0, 6, 327.	1.8	3
43	Case Report: $\beta^2$ -thalassemia major on the East African coast. Wellcome Open Research, 0, 7, 188.	1.8	2