John Anthony Gerard Scott

List of Publications by Year
in descending order

95 papers	12,049 citations	125106 35 h-index	45040 94 g-index

108 all docs	108 docs citations	108 times ranked	11096 citing authors

#	Article	IF	Citations
1	Seroprevalence of Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2 Among Healthcare Workers in Kenya. Clinical Infectious Diseases, 2022, 74, 288-293.	2.9	36
2	Hepcidin regulation in Kenyan children with severe malaria and non-typhoidal <i>Salmonella</i> bacteremia. Haematologica, 2022, 107, 1589-1598.	1.7	5
3	Comparative performance of WANTAI ELISA for total immunoglobulin to receptor binding protein and an ELISA for IgG to spike protein in detecting SARS-CoV-2 antibodies in Kenyan populations. Journal of Clinical Virology, 2022, 146, 105061.	1.6	14
4	Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. Lancet, The, 2022, 399, 629-655.	6.3	4,915
5	Prioritising health-care strategies to reduce childhood mortality, insights from Child Health and Mortality Prevention Surveillance (CHAMPS): a longitudinal study. The Lancet Global Health, 2022, 10, S8.	2.9	1
6	Mortality associated with third-generation cephalosporin resistance in Enterobacteriaceae bloodstream infections at one South African hospital. Journal of Global Antimicrobial Resistance, 2022, 29, 176-184.	0.9	4
7	Seroprevalence of antiâ€“SARS-CoV-2 IgG antibodies in Kenyan blood donors. Science, 2021, 371, 79-82.	6.0	247
8	Global burden of acute lower respiratory infection associated with human metapneumovirus in children under 5 years in 2018: a systematic review and modelling study. The Lancet Global Health, 2021, 9, e33-e43.	2.9	71
9	Upper Respiratory Tract Co-detection of Human Endemic Coronaviruses and High-density Pneumococcus Associated With Increased Severity Among HIV-Uninfected Children Under 5 Years Old in the PERCH Study. Pediatric Infectious Disease Journal, 2021, 40, 503-512.	1.1	5
10	Anti-Severe Acute Respiratory Syndrome Coronavirus 2 Immunoglobulin G Antibody Seroprevalence Among Truck Drivers and Assistants in Kenya. Open Forum Infectious Diseases, 2021, 8, ofab314.	0.4	12
11	Temporal trends of SARS-CoV-2 seroprevalence during the first wave of the COVID-19 epidemic in Kenya. Nature Communications, 2021, 12, 3966.	5.8	40
12	Global burden of acute lower respiratory infection associated with human parainfluenza virus in children younger than 5 years for 2018: a systematic review and meta-analysis. The Lancet Global Health, 2021, 9, e1077-e1087.	2.9	30
13	The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya. Pediatric Infectious Disease Journal, 2021, 40, S29-S39.	1.1	9
14	Pneumococcal conjugate vaccine dose-ranging studies in humans: A systematic review. Vaccine, 2021, 39, 5095-5105.	1.7	2
15	Postmortem investigations and identification of multiple causes of child deaths: An analysis of findings from the Child Health and Mortality Prevention Surveillance (CHAMPS) network. PLoS Medicine, 2021, 18, e1003814.	3.9	24
16	Prevalence of SARS-CoV-2 Antibodies From a National Serosurveillance of Kenyan Blood Donors, January-March 2021. JAMA - Journal of the American Medical Association, 2021, 326, 1436.	3.8	38
17	Global Respiratory Syncytial Virusâ€“Related Infant Community Deaths. Clinical Infectious Diseases, 2021, 73, S229-S237.	2.9	29
18	COVID-19 transmission dynamics underlying epidemic waves in Kenya. Science, 2021, 374, 989-994.	6.0	62

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19	Quantifying previous SARS-CoV-2 infection through mixture modelling of antibody levels. Nature Communications, 2021, 12, 6196.	5.8	15
20	The Predictive Performance of a Pneumonia Severity Score in Human Immunodeficiency Virusâ€“negative Children Presenting to Hospital in 7 Low- and Middle-income Countries. Clinical Infectious Diseases, 2020, 70, 1050-1057.	2.9	26
21	Glucose-6-phosphate dehydrogenase deficiency and susceptibility to childhood diseases in Kilifi, Kenya. Blood Advances, 2020, 4, 5942-5950.	2.5	4
22	Initial findings from a novel population-based child mortality surveillance approach: a descriptive study. The Lancet Global Health, 2020, 8, e909-e919.	2.9	89
23	The allocation of US$105 billion in global funding from G20 countries for infectious disease research between 2000 and 2017: a content analysis of investments. The Lancet Global Health, 2020, 8, e1295-e1304.	2.9	34
24	Risk of pneumococcal bacteremia in Kenyan children with glucose-6-phosphate dehydrogenase deficiency. BMC Medicine, 2020, 18, 148.	2.3	4
25	Observational study: 27Âyears of severe malaria surveillance in Kilifi, Kenya. BMC Medicine, 2019, 17, 124.	2.3	33
26	Mortality Surveillance Methods to Identify and Characterize Deaths in Child Health and Mortality Prevention Surveillance Network Sites. Clinical Infectious Diseases, 2019, 69, S262-S273.	2.9	62
27	Analysing Interrupted Time Series with a Control. Epidemiologic Methods, 2019, 8, .	0.8	45
28	The epidemiology of sickle cell disease in children recruited in infancy in Kilifi, Kenya: a prospective cohort study. The Lancet Global Health, 2019, 7, e1458-e1466.	2.9	62
29	Effect of strikes by health workers on mortality between 2010 and 2016 in Kilifi, Kenya: a population-based cohort analysis. The Lancet Global Health, 2019, 7, e961-e967.	2.9	33
30	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. Science Advances, 2019, 5, eaaw0109.	4.7	20
31	Sustaining pneumococcal vaccination after transitioning from Gavi support: a modelling and cost-effectiveness study in Kenya. The Lancet Global Health, 2019, 7, e644-e654.	2.9	16
32	Effect of ten-valent pneumococcal conjugate vaccine on invasive pneumococcal disease and nasopharyngeal carriage in Kenya: a longitudinal surveillance study. Lancet, The, 2019, 393, 2146-2154.	6.3	111
33	Effect of 10-valent pneumococcal conjugate vaccine on the incidence of radiologically-confirmed pneumonia and clinically-defined pneumonia in Kenyan children: an interrupted time-series analysis. The Lancet Global Health, 2019, 7, e337-e346.	2.9	41
34	The indirect health effects of malaria estimated from health advantages of the sickle cell trait. Nature Communications, 2019, 10, 856.	5.8	23
35	Agreement between ELISA and plaque reduction neutralisation assay in Detection of respiratory syncytial virus specific antibodies in a birth Cohort from Kilifi, coastal Kenya.. Wellcome Open Research, 2019, 4, 33.	0.9	5
36	Nasopharyngeal Pneumococcal Carriage in Nigeria: a two-site, population-based survey. Scientific Reports, 2018, 8, 3509.	1.6	29

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37	Effect of Maternally Derived Anti-protein and Anticapsular IgG Antibodies on the Rate of Acquisition of Nasopharyngeal Carriage of Pneumococcus in Newborns. Clinical Infectious Diseases, 2018, 66, 121-130.	2.9	10
38	A bibliometric analysis of systematic reviews on vaccines and immunisation. Vaccine, 2018, 36, 2254-2261.	1.7	18
39	Risk of nontyphoidal Salmonella bacteraemia in African children is modified by STAT4. Nature Communications, 2018, 9, 1014.	5.8	29
40	Coverage and timeliness of vaccination and the validity of routine estimates: Insights from a vaccine registry in Kenya. Vaccine, 2018, 36, 7965-7974.	1.7	30
41	Outpacing the pneumococcus: Antibody dynamics in the first few days following pneumococcal capsular antigen stimulation. Scientific Reports, 2018, 8, 15376.	1.6	3
42	Impact of viral upper respiratory tract infection on the concentration of nasopharyngeal pneumococcal carriage among Kenyan children. Scientific Reports, 2018, 8, 11030.	1.6	28
43	Cohort Profile: The Kilifi Vaccine Monitoring Study. International Journal of Epidemiology, 2017, 46, dyw202.	0.9	17
44	Human genetic and metabolite variation reveals that methylthioadenosine is a prognostic biomarker and an inflammatory regulator in sepsis. Science Advances, 2017, 3, e1602096.	4.7	46
45	Density of Upper Respiratory Colonization With Streptococcus pneumoniae and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged <5 Years in the PERCH Study. Clinical Infectious Diseases, 2017, 64, S317-S327.	2.9	96
46	Bacteriological diagnosis of childhood TB: a prospective observational study. Scientific Reports, 2017, 7, 11808.	1.6	8
47	Sustained reduction in vaccine-type invasive pneumococcal disease despite waning effects of a catch-up campaign in Kilifi, Kenya: A mathematical model based on pre-vaccination data. Vaccine, 2017, 35, 4561-4568.	1.7	17
48	Pneumococcal conjugate vaccine induced IgG and nasopharyngeal carriage of pneumococci: Hyporesponsiveness and immune correlates of protection for carriage. Vaccine, 2017, 35, 4652-4657.	1.7	24
49	Molecular epidemiology of Klebsiella pneumoniae invasive infections over a decade at Kilifi County Hospital in Kenya. International Journal of Medical Microbiology, 2017, 307, 422-429.	1.5	61
50	Carriage prevalence and serotype distribution of Streptococcus pneumoniae prior to 10-valent pneumococcal vaccine introduction: A population-based cross-sectional study in South Western Uganda, 2014. Vaccine, 2017, 35, 5271-5277.	1.7	8
51	Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in young children in 2015: a systematic review and modelling study. Lancet, The, 2017, 390, 946-958.	6.3	1,634
52	Assessing the efficiency of catch-up campaigns for the introduction of pneumococcal conjugate vaccine: a modelling study based on data from PCV10 introduction in Kilifi, Kenya. BMC Medicine, 2017, 15, 113.	2.3	28
53	Global funding trends for malaria research in sub-Saharan Africa: a systematic analysis. The Lancet Global Health, 2017, 5, e772-e781.	2.9	39
54	AMR Surveillance in low and middle-income settings - A roadmap for participation in the Global Antimicrobial Surveillance System (GLASS). Wellcome Open Research, 2017, 2, 92.	0.9	114

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55	Risk factors for community-acquired pneumonia among adults in Kenya: a caseâ€“control study. Pneumonia (Nathan Qld), 2017, 9, 17.	2.5	26
56	Trends in bednet ownership and usage, and the effect of bednets on malaria hospitalization in the Kilifi Health and Demographic Surveillance System (KHDSS): 2008â€“2015. BMC Infectious Diseases, 2017, 17, 720.	1.3	17
57	Variation in the effectiveness of insecticide treated nets against malaria and outdoor biting by vectors in Kilifi, Kenya. Wellcome Open Research, 2017, 2, 22.	0.9	12
58	Variation in the effectiveness of insecticide treated nets against malaria and outdoor biting by vectors in Kilifi, Kenya. Wellcome Open Research, 2017, 2, 22.	0.9	12
59	Supporting surveillance capacity for antimicrobial resistance: Laboratory capacity strengthening for drug resistant infections in low and middle income countries. Wellcome Open Research, 2017, 2, 91.	0.9	48
60	Effect of Haemophilus influenzae type b vaccination without a booster dose on invasive H influenzae type b disease, nasopharyngeal carriage, and population immunity in Kilifi, Kenya: a 15-year regional surveillance study. The Lancet Global Health, 2016, 4, e185-e194.	2.9	41
61	The Malaria-High Blood Pressure Hypothesis. Circulation Research, 2016, 119, 36-40.	2.0	34
62	Polymorphism in a lincRNA Associates with a Doubled Risk of Pneumococcal Bacteremia in Kenyan Children. American Journal of Human Genetics, 2016, 98, 1092-1100.	2.6	39
63	10â€valent pneumococcal nonâ€typeable Haemophilus influenzae proteinâ€D conjugate vaccine (PHiDâ€CV) induces memory B cell responses in healthy Kenyan toddlers. Clinical and Experimental Immunology, 2015, 181, 297-305.	1.1	5
64	The Potential for Reducing the Number of Pneumococcal Conjugate Vaccine Doses While Sustaining Herd Immunity in High-Income Countries. PLoS Medicine, 2015, 12, e1001839.	3.9	66
65	Effects of Vaccination with 10-Valent Pneumococcal Non-Typeable Haemophilus influenza Protein D Conjugate Vaccine (PHiD-CV) on the Nasopharyngeal Microbiome of Kenyan Toddlers. PLoS ONE, 2015, 10, e0128064.	1.1	26
66	Risk of Injection-Site Abscess among Infants Receiving a Preservative-Free, Two-Dose Vial Formulation of Pneumococcal Conjugate Vaccine in Kenya. PLoS ONE, 2015, 10, e0141896.	1.1	8
67	Mapping pneumonia research: A systematic analysis of UK investments and published outputs 1997â€“2013. EBioMedicine, 2015, 2, 1193-1199.	2.7	14
68	Genetic variants associated with non-typhoidal Salmonella bacteraemia in African children. Lancet, The, 2015, 385, S13.	6.3	5
69	Invasive Salmonellosis in Kilifi, Kenya. Clinical Infectious Diseases, 2015, 61, S290-S301.	2.9	44
70	Quantifying maternally derived respiratory syncytial virus specific neutralising antibodies in a birth cohort from coastal Kenya. Vaccine, 2015, 33, 1797-1801.	1.7	30
71	Making standards for quantitative real-time pneumococcal PCR. Biomolecular Detection and Quantification, 2014, 2, 1-3.	7.0	9
72	Investment in pneumonia and pneumococcal research. Lancet Infectious Diseases, The, 2014, 14, 1037-1038.	4.6	9

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73	Burden of disease in adults admitted to hospital in a rural region of coastal Kenya: an analysis of data from linked clinical and demographic surveillance systems. The Lancet Global Health, 2014, 2, e216-e224.	2.9	43
74	Carriage of Staphylococcus aureus in Thika Level 5 Hospital, Kenya: a cross-sectional study. Antimicrobial Resistance and Infection Control, 2014, 3, 22.	1.5	42
75	Use of vaccines as probes to define disease burden. Lancet, The, 2014, 383, 1762-1770.	6.3	101
76	Population effect of 10-valent pneumococcal conjugate vaccine on nasopharyngeal carriage of Streptococcus pneumoniae and non-typeable Haemophilus influenzae in Kilifi, Kenya: findings from cross-sectional carriage studies. The Lancet Global Health, 2014, 2, e397-e405.	2.9	175
77	Immunogenicity, Impact on Carriage and Reactogenicity of 10-Valent Pneumococcal Non-Typeable Haemophilus influenzae Protein D Conjugate Vaccine in Kenyan Children Aged 1â€“4 Years: A Randomized Controlled Trial. PLoS ONE, 2014, 9, e85459.	1.1	33
78	Transcriptional adaptation of pneumococci and human pharyngeal cells in the presence of a virus infection. BMC Genomics, 2013, 14, 378.	1.2	13
79	Medical causes of admissions to hospital among adults in Africa: a systematic review. Global Health Action, 2013, 6, 19090.	0.7	50
80	Profile: The Kilifi Health and Demographic Surveillance System (KHDSS). International Journal of Epidemiology, 2012, 41, 650-657.	0.9	295
81	The Definition of Pneumonia, the Assessment of Severity, and Clinical Standardization in the Pneumonia Etiology Research for Child Health Study. Clinical Infectious Diseases, 2012, 54, S109-S116.	2.9	157
82	A Preliminary Study of Pneumonia Etiology Among Hospitalized Children in Kenya. Clinical Infectious Diseases, 2012, 54, S190-S199.	2.9	132
83	Relation between falciparum malaria and bacteraemia in Kenyan children: a population-based, case-control study and a longitudinal study. Lancet, The, 2011, 378, 1316-1323.	6.3	255
84	Risk and causes of paediatric hospital-acquired bacteraemia in Kilifi District Hospital, Kenya: a prospective cohort study. Lancet, The, 2011, 378, 2021-2027.	6.3	106
85	Added Value of an Oropharyngeal Swab in Detection of Viruses in Children Hospitalized with Lower Respiratory Tract Infection. Journal of Clinical Microbiology, 2011, 49, 2318-2320.	1.8	97
86	Incidence and Severity of Respiratory Syncytial Virus Pneumonia in Rural Kenyan Children Identified through Hospital Surveillance. Clinical Infectious Diseases, 2009, 49, 1341-1349.	2.9	135
87	Bacteraemia in Kenyan children with sickle-cell anaemia: a retrospective cohort and caseâ€“control study. Lancet, The, 2009, 374, 1364-1370.	6.3	204
88	The global epidemiology of childhood pneumonia 20 years on. Bulletin of the World Health Organization, 2008, 2008, 494-496.	1.5	29
89	The Descriptive Epidemiology of Streptococcus pneumoniae and Haemophilus influenzae Nasopharyngeal Carriage in Children and Adults in Kilifi District, Kenya. Pediatric Infectious Disease Journal, 2008, 27, 59-64.	1.1	151
90	Pneumonia research to reduce childhood mortality in the developing world. Journal of Clinical Investigation, 2008, 118, 1291-1300.	3.9	132

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91	Incidence and Clinical Characteristics of Group A Rotavirus Infections among Children Admitted to Hospital in Kilifi, Kenya. PLoS Medicine, 2008, 5, e153.	3.9	43
92	Effectiveness of Haemophilus influenzae Type b Conjugate Vaccine Introduction Into Routine Childhood Immunization in Kenya. JAMA - Journal of the American Medical Association, 2006, 296, 671.	3.8	166
93	Bacteremia among Children Admitted to a Rural Hospital in Kenya. New England Journal of Medicine, 2005, 352, 39-47.	13.9	773
94	Variation in the effectiveness of insecticide treated nets against malaria and outdoor biting by vectors in Kilifi, Kenya. Wellcome Open Research, 0, 2, 22.	0.9	6
95	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.	0.9	3