Charles R J C Newton

List of Publications by Year
in descending order

484	93,346	2975	313
papers	citations	93 h-index	290 g-index

509	509	509	110354
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	13.7	8,569
2	Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2197-2223.	13.7	7,061
3	Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2163-2196.	13.7	6,376
4	Global, regional, and national ageâ€“sex specific all-cause and cause-specific mortality for 240 causes of death, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 385, 117-171.	13.7	5,847
5	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1211-1259.	13.7	5,578
6	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
7	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
8	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934
9	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	13.7	3,269
10	Global, regional, and national burden of neurological disorders, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 459-480.	10.2	2,625
11	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2287-2323.	13.7	2,184
12	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	13.7	2,123
13	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1260-1344.	13.7	1,589
14	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990â€“2013: quantifying the epidemiological transition. Lancet, The, 2015, 386, 2145-2191.	13.7	1,544
15	Global, regional, and national levels and causes of maternal mortality during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 980-1004.	13.7	1,230
16	Estimation of the burden of active and lifeâ€time epilepsy: A metaâ€analytic approach. Epilepsia, 2010, 51, 883-890.	5.1	1,045
17	Common values in assessing health outcomes from disease and injury: disability weights measurement study for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2129-2143.	13.7	1,013
18	Indicators of Life-Threatening Malaria in African Children. New England Journal of Medicine, 1995, 332, 1399-1404.	27.0	942

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19	Standards for epidemiologic studies and surveillance of epilepsy. Epilepsia, 2011, 52, 2-26.	5.1	836
20	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 1005-1070.	13.7	786
21	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	13.7	716
22	Long-term neurodevelopmental outcomes after intrauterine and neonatal insults: a systematic review. Lancet, The, 2012, 379, 445-452.	13.7	674
23	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. Lancet, The, 2018, 391, 2236-2271.	13.7	638
24	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1725-1774.	13.7	571
25	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990â€“2015: a novel analysis from the Global Burden of Disease Study 2015. Lancet, The, 2017, 390, 231-266.	13.7	480
26	UK health performance: findings of the Global Burden of Disease Study 2010. Lancet, The, 2013, 381, 997-1020.	13.7	479
27	Pathogenesis, clinical features, and neurological outcome of cerebral malaria. Lancet Neurology, The, 2005, 4, 827-840.	10.2	468
28	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	13.7	413
29	Effect of a fall in malaria transmission on morbidity and mortality in Kilifi, Kenya. Lancet, The, 2008, 372, 1555-1562.	13.7	386
30	Cerebral Malaria: Mechanisms of Brain Injury and Strategies for Improved Neurocognitive Outcome. Pediatric Research, 2010, 68, 267-274.	2.3	379
31	Incidence of epilepsy. Neurology, 2011, 77, 1005-1012.	1.1	367
32	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 2091-2138.	13.7	335
33	Epilepsy in poor regions of the world. Lancet, The, 2012, 380, 1193-1201.	13.7	325
34	The epilepsy treatment gap in developing countries: A systematic review of the magnitude, causes, and intervention strategies. Epilepsia, 2008, 49, 1491-1503.	5.1	315
35	Severe Falciparum Malaria in Children Current Understanding of Pathophysiology and Supportive Treatment. , 1998, 79, 1-53.		307
36	Premature mortality in epilepsy and the role of psychiatric comorbidity: a total population study. Lancet, The, 2013, 382, 1646-1654.	13.7	295

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37	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1995-2051.	13.7	294
38	Changes in health in England, with analysis by English regions and areas of deprivation, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2257-2274.	13.7	279
39	Prevalence of active convulsive epilepsy in sub-Saharan Africa and associated risk factors: cross-sectional and case-control studies. Lancet Neurology, The, 2013, 12, 253-263.	10.2	267
40	Childhood deaths in Africa: uses and limitations of verbal autopsies. Lancet, The, 1992, 340, 351-355.	13.7	257
41	Mortality in Sickle Cell Anemia in Africa: A Prospective Cohort Study in Tanzania. PLoS ONE, 2011, 6, e14699.	2.5	242
42	The burden of premature mortality of epilepsy in highâ€income countries: A systematic review from the Mortality Task Force of the International League Against Epilepsy. Epilepsia, 2017, 58, 17-26.	5.1	228
43	Estimates of possible severe bacterial infection in neonates in sub-Saharan Africa, south Asia, and Latin America for 2012: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2014, 14, 731-741.	9.1	222
44	Global, regional, and national burden of meningitis, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2018, 17, 1061-1082.	10.2	221
45	Epidemiology, causes, and treatment of epilepsy in sub-Saharan Africa. Lancet Neurology, The, 2014, 13, 1029-1044.	10.2	212
46	Intracranial pressure in African children with cerebral malaria. Lancet, The, 1991, 337, 573-576.	13.7	200
47	NEUROLOGICAL ASPECTS OF TROPICAL DISEASE: Cerebral malaria. Journal of Neurology, Neurosurgery and Psychiatry, 2000, 69, 433-441.	1.9	200
48	Intracranial hypertension in Africans with cerebral malaria. Archives of Disease in Childhood, 1997, 76, 219-226.	1.9	192
49	The reliability of diagnostic techniques in the diagnosis and management of malaria in the absence of a gold standard. Lancet Infectious Diseases, The, 2006, 6, 582-588.	9.1	183
50	A novel locus of resistance to severe malaria in a region of ancient balancing selection. Nature, 2015, 526, 253-257.	27.8	182
51	Persistent neurocognitive impairments associated with severe falciparum malaria in Kenyan children. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 476-481.	1.9	178
52	Changes in white blood cells and platelets in children with falciparum malaria: relationship to disease outcome. British Journal of Haematology, 2002, 119, 839-847.	2.5	176
53	Both heterozygous and homozygous Î±+ thalassemias protect against severe and fatal Plasmodium falciparum malaria on the coast of Kenya. Blood, 2005, 106, 368-371.	1.4	167
54	Randomized Trial of Volume Expansion with Albumin or Saline in Children with Severe Malaria: Preliminary Evidence of Albumin Benefit. Clinical Infectious Diseases, 2005, 40, 538-545.	5.8	167

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55	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.	7.4	166
56	Suppression of erythropoiesis in malarial anemia is associated with hemozoin in vitro and in vivo. Blood, 2006, 108, 2569-2577.	1.4	164
57	Assessment of Severe Malnutrition Among Hospitalized Children in Rural Kenya. JAMA - Journal of the American Medical Association, 2005, 294, 591.	7.4	158
58	Maternal and neonatal tetanus. Lancet, The, 2015, 385, 362-370.	13.7	152
59	Severe anaemia in children living in a malaria endemic area of Kenya. Tropical Medicine and International Health, 1997, 2, 165-178.	2.3	149
60	Brain swelling and ischaemia in Kenyans with cerebral malaria.. Archives of Disease in Childhood, 1994, 70, 281-287.	1.9	148
61	HIV Infection, Malnutrition, and Invasive Bacterial Infection among Children with Severe Malaria. Clinical Infectious Diseases, 2009, 49, 336-343.	5.8	146
62	The effect ofPlasmodium falciparumon cognition: a systematic review. Tropical Medicine and International Health, 2006, 11, 386-397.	2.3	144
63	Children with Severe Malnutrition: Can Those at Highest Risk of Death Be Identified with the WHO Protocol?. PLoS Medicine, 2006, 3, e500.	8.4	144
64	Diagnosis and management of the neurological complications of falciparum malaria. Nature Reviews Neurology, 2009, 5, 189-198.	10.1	144
65	Increased Prevalence of Epilepsy Associated with Severe Falciparum Malaria in Children. Epilepsia, 2004, 45, 978-981.	5.1	143
66	Developmental impairments following severe falciparum malaria in children. Tropical Medicine and International Health, 2005, 10, 3-10.	2.3	138
67	Malaria in patients with sickle cell anemia: burden, risk factors, and outcome at the outpatient clinic and during hospitalization. Blood, 2010, 115, 215-220.	1.4	136
68	Periodicity and space-time clustering of severe childhood malaria on the coast of Kenya. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 386-390.	1.8	135
69	Use of clinical syndromes to target antibiotic prescribing in seriously ill children in malaria endemic area: observational study. BMJ: British Medical Journal, 2005, 330, 995.	2.3	133
70	Response to volume resuscitation in children with severe malaria*. Pediatric Critical Care Medicine, 2003, 4, 426-431.	0.5	130
71	Plasmodium falciparum var gene expression is modified by host immunity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21801-21806.	7.1	130
72	Burden, Features, and Outcome of Neurological Involvement in Acute Falciparum Malaria in Kenyan Children. JAMA - Journal of the American Medical Association, 2007, 297, 2232.	7.4	127

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73	Maternal and early onset neonatal bacterial sepsis: burden and strategies for prevention in sub-Saharan Africa. Lancet Infectious Diseases, The, 2009, 9, 428-438.	9.1	126
74	Intracellular and non-neuronal targets of voltage-gated potassium channel complex antibodies. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 353-361.	1.9	124
75	Neonatal severe bacterial infection impairment estimates in South Asia, sub-Saharan Africa, and Latin America for 2010. Pediatric Research, 2013, 74, 73-85.	2.3	123
76	Over-diagnosis and co-morbidity of severe malaria in African children: a guide for clinicians. American Journal of Tropical Medicine and Hygiene, 2007, 77, 6-13.	1.4	122
77	Active convulsive epilepsy in a rural district of Kenya: a study of prevalence and possible risk factors. Lancet Neurology, The, 2008, 7, 50-56.	10.2	121
78	Premature mortality of epilepsy in lowâ€•and middleâ€income countries: A systematic review from the Mortality Task Force of the International League Against Epilepsy. Epilepsia, 2017, 58, 6-16.	5.1	120
79	Keeping people with epilepsy safe during the COVID-19 pandemic. Neurology, 2020, 94, 1032-1037.	1.1	116
80	Pathophysiology of fatal falciparum malaria in African children.. American Journal of Tropical Medicine and Hygiene, 1998, 58, 673-683.	1.4	116
81	Incidence and outcome of convulsive status epilepticus in Kenyan children: a cohort study. Lancet Neurology, The, 2008, 7, 145-150.	10.2	113
82	Severe P. falciparum malaria in Kenyan children: evidence for hypovolaemia. QJM - Monthly Journal of the Association of Physicians, 2003, 96, 427-434.	0.5	111
83	Genomewide Analysis of the Host Response to Malaria in Kenyan Children. Journal of Infectious Diseases, 2005, 191, 1599-1611.	4.0	111
84	Diagnosis of acute bacterial meningitis in children at a district hospital in sub-Saharan Africa. Lancet, The, 2001, 357, 1753-1757.	13.7	107
85	Risk factors for persisting neurological and cognitive impairments following cerebral malaria. Archives of Disease in Childhood, 2005, 91, 142-148.	1.9	106
86	Monitoring psychomotor development in a resourcelimited setting: an evaluation of the Kilifi Developmental Inventory. Annals of Tropical Paediatrics, 2008, 28, 217-226.	1.0	105
87	Issues in the development of crossâ€cultural assessments of speech and language for children. International Journal of Language and Communication Disorders, 2005, 40, 385-401.	1.5	104
88	Genetics of fetal hemoglobin in Tanzanian and British patients with sickle cell anemia. Blood, 2011, 117, 1390-1392.	1.4	104
89	Risk factors associated with the epilepsy treatment gap in Kilifi, Kenya: a cross-sectional study. Lancet Neurology, The, 2012, 11, 688-696.	10.2	102
90	Immunization coverage and risk factors for failure to immunize within the Expanded Programme on Immunization in Kenya after introduction of new Haemophilus influenzae type b and hepatitis b virus antigens. BMC Public Health, 2006, 6, 132.	2.9	101

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91	Defining Childhood Severe Falciparum Malaria for Intervention Studies. PLoS Medicine, 2007, 4, e251.	8.4	101
92	Epileptic seizures and malaria in Kenyan children. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1996, 90, 152-155.	1.8	100
93	Seizures in 204 comatose children: incidence and outcome. Intensive Care Medicine, 2012, 38, 853-862.	8.2	100
94	High levels of erythropoietin are associated with protection against neurological sequelae in African children with cerebral malaria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2634-2639.	7.1	98
95	Volume Expansion with Albumin Compared to Gelofusine in Children with Severe Malaria: Results of a Controlled Trial. PLOS Clinical Trials, 2006, 1, e21.	3.5	97
96	Over-Diagnosis and Co-Morbidity of Severe Malaria in African Children: A Guide for Clinicians. American Journal of Tropical Medicine and Hygiene, 2007, 77, 6-13.	1.4	96
97	Prevalence and risk factors of neurological disability and impairment in children living in rural Kenya. International Journal of Epidemiology, 2006, 35, 683-688.	1.9	94
98	Socio-Cultural Determinants of Health-Seeking Behaviour on the Kenyan Coast: A Qualitative Study. PLoS ONE, 2013, 8, e71998.	2.5	92
99	Oxidative stress and erythrocyte damage in Kenyan children with severePlasmodium falciparummalaria. British Journal of Haematology, 2001, 113, 486-491.	2.5	91
100	Paediatric coma scales. Developmental Medicine and Child Neurology, 2008, 50, 267-274.	2.1	90
101	Prevalence, incidence and risk factors of epilepsy in older children in rural Kenya. Seizure: the Journal of the British Epilepsy Association, 2008, 17, 396-404.	2.0	90
102	Human candidate gene polymorphisms and risk of severe malaria in children in Kilifi, Kenya: a case-control association study. Lancet Haematology,the, 2018, 5, e333-e345.	4.6	90
103	Causes and outcome of young infant admissions to a Kenyan district hospital. Archives of Disease in Childhood, 2003, 88, 438-443.	1.9	89
104	Predictors of A&E staff attitudes to self-harm patients who use self-laceration: Influence of previous training and experience. Journal of Psychosomatic Research, 2006, 60, 273-277.	2.6	88
105	Caring for children with disabilities in Kilifi, Kenya: what is the carer's experience?. Child: Care, Health and Development, 2011, 37, 175-183.	1.7	87
106	Quinine Treatment of Severe Falciparum Malaria in African Children: a Randomized Comparison of Three Regimens. American Journal of Tropical Medicine and Hygiene, 1991, 45, 702-713.	1.4	86
107	Perturbations of cerebral hemodynamics in Kenyans with cerebral malaria. Pediatric Neurology, 1996, 15, 41-49.	2.1	85
108	Severe falciparum malaria and acquired childhood language disorder. Developmental Medicine and Child Neurology, 2006, 48, 51-57.	2.1	85

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109	Paediatric HIV and neurodevelopment in subâ€Saharan Africa: a systematic review. Tropical Medicine and International Health, 2008, 13, 880-887.	2.3	82
110	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
111	Excess child mortality after discharge from hospital in Kilifi, Kenya: a retrospective cohort analysis. Bulletin of the World Health Organization, 2011, 89, 725-732.	3.3	81
112	Abnormal blood glucose concentrations on admission to a rural Kenyan district hospital: prevalence and outcome. Archives of Disease in Childhood, 2003, 88, 621-625.	1.9	77
113	Closing the mental health treatment gap in South Africa: a review of costs and cost-effectiveness. Global Health Action, 2014, 7, 23431.	1.9	75
114	Acute bacterial meningitis in children admitted to a rural Kenyan hospital: increasing antibiotic resistance and outcome. Pediatric Infectious Disease Journal, 2002, 21, 1042-1048.	2.0	74
115	Validity and Reliability of the â€˜Ten Questionsâ€™ Questionnaire for Detecting Moderate to Severe Neurological Impairment in Children Aged 6â€“9 Years in Rural Kenya. Neuroepidemiology, 2004, 23, 67-72.	2.3	74
116	Pre-transfusion management of children with severe malarial anaemia: a randomised controlled trial of intravascular volume expansion. British Journal of Haematology, 2005, 128, 393-400.	2.5	74
117	The incidence, aetiology and outcome of acute seizures in children admitted to a rural Kenyan district hospital. BMC Pediatrics, 2008, 8, 5.	1.7	74
118	Prognostic Indicators of Life-Threatening Malaria Are Associated with Distinct Parasite Variant Antigen Profiles. Science Translational Medicine, 2012, 4, 129ra45.	12.4	74
119	Exposure to Multiple Parasites Is Associated with the Prevalence of Active Convulsive Epilepsy in Sub-Saharan Africa. PLoS Neglected Tropical Diseases, 2014, 8, e2908.	3.0	73
120	Acidosis of severe falciparum malaria: heading for a shock?. Trends in Parasitology, 2005, 21, 11-16.	3.3	70
121	Neurological manifestations of falciparum malaria. Annals of Neurology, 1998, 43, 695-702.	5.3	69
122	Autism Spectrum Disorders in Africa: Current Challenges in Identification, Assessment, and Treatment. Journal of Child Neurology, 2016, 31, 1018-1026.	1.4	69
123	Malaria as a Cause of Morbidity and Mortality in Children with Homozygous Sickle Cell Disease on the Coast of Kenya. Clinical Infectious Diseases, 2009, 49, 216-222.	5.8	68
124	Age, Spatial, and Temporal Variations in Hospital Admissions with Malaria in Kilifi County, Kenya: A 25-Year Longitudinal Observational Study. PLoS Medicine, 2016, 13, e1002047.	8.4	68
125	Neuro-cognitive impairment following acquired central nervous system infections in childhood: a systematic review. Brain Research Reviews, 2003, 43, 57-69.	9.0	67
126	Attitudes and practices of families and health care personnel toward children with epilepsy in Kilifi, Kenya. Epilepsy and Behavior, 2006, 8, 201-212.	1.7	67

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127	The INTERGROWTH-21st Project Neurodevelopment Package: A Novel Method for the Multi-Dimensional Assessment of Neurodevelopment in Pre-School Age Children. PLoS ONE, 2014, 9, e113360.	2.5	66
128	THE BURDEN OF THE NEUROCOGNITIVE IMPAIRMENT ASSOCIATED WITH PLASMODIUM FALCIPARUM MALARIA IN SUB-SAHARAN AFRICA. American Journal of Tropical Medicine and Hygiene, 2004, 71, 64-70.	1.4	66
129	The disposition of intramuscular artemether in children with cerebral malaria; a preliminary study. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1997, 91, 331-334.	1.8	65
130	Neuropsychiatric Genetics of African Populations-Psychosis (NeuroGAP-Psychosis): a case-control study protocol and GWAS in Ethiopia, Kenya, South Africa and Uganda. BMJ Open, 2019, 9, e025469.	1.9	65
131	Clinical features, proximate causes, and consequences of active convulsive epilepsy in <scp>A</scp>frica. Epilepsia, 2014, 55, 76-85.	5.1	64
132	The primary prevention of epilepsy: A report of the Prevention Task Force of the International League Against Epilepsy. Epilepsia, 2018, 59, 905-914.	5.1	64
133	Parentsâ€™ and Professionalsâ€™ Perceptions on Causes and Treatment Options for Autism Spectrum Disorders (ASD) in a Multicultural Context on the Kenyan Coast. PLoS ONE, 2015, 10, e0132729.	2.5	64
134	An open randomized trial of artemether versus quinine in the treatment of cerebral malaria in African children. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1996, 90, 298-301.	1.8	63
135	Positive selection of a CD36 nonsense variant in sub-Saharan Africa, but no association with severe malaria phenotypes. Human Molecular Genetics, 2009, 18, 2683-2692.	2.9	63
136	Development and validation of the Kilifi Stigma Scale for Epilepsy in Kenya. Epilepsy and Behavior, 2012, 24, 81-85.	1.7	62
137	Premature mortality in active convulsive epilepsy in rural Kenya. Neurology, 2014, 82, 582-589.	1.1	61
138	A Systematic Review of Research on Autism Spectrum Disorders in Sub-Saharan Africa. Behavioural Neurology, 2016, 2016, 1-14.	2.1	61
139	Group B streptococcus infection during pregnancy and infancy: estimates of regional and global burden. The Lancet Global Health, 2022, 10, e807-e819.	6.3	61
140	â€˜Everyone has a secret they keep close to their heartsâ€™: challenges faced by adolescents living with HIV infection at the Kenyan coast. BMC Public Health, 2016, 16, 197.	2.9	60
141	The LambarÃ©nÃ© Organ Dysfunction Score (LODS) Is a Simple Clinical Predictor of Fatal Malaria in African Children. Journal of Infectious Diseases, 2009, 200, 1834-1841.	4.0	58
142	Pharmacokinetic modelling of morphine, morphine-3-glucuronide and morphine-6-glucuronide in plasma and cerebrospinal fluid of neurosurgical patients after short-term infusion of morphine. British Journal of Clinical Pharmacology, 2002, 54, 592-603.	2.4	57
143	Indicators of Acute Bacterial Meningitis in Children at a Rural Kenyan District Hospital. Pediatrics, 2004, 114, e713-e719.	2.1	57
144	Preliminary results of the global audit of treatment of refractory status epilepticus. Epilepsy and Behavior, 2015, 49, 318-324.	1.7	56

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145	Assessing Executive Function in Adolescence: A Scoping Review of Existing Measures and Their Psychometric Robustness. Frontiers in Psychology, 2019, 10, 311.	2.1	56
146	Evaluation of psychometric properties and factorial structure of the pre-school child behaviour checklist at the Kenyan Coast. Child and Adolescent Psychiatry and Mental Health, 2016, 10, 1.	2.5	55
147	Onchocerca volvulus and epilepsy: A comprehensive review using the Bradford Hill criteria for causation. PLoS Neglected Tropical Diseases, 2021, 15, e0008965.	3.0	55
148	Packages of Care for Epilepsy in Low- and Middle-Income Countries. PLoS Medicine, 2009, 6, e1000162.	8.4	54
149	Neurological and developmental outcome of neonatal jaundice and sepsis in rural Kenya. Tropical Medicine and International Health, 2005, 10, 1114-1120.	2.3	53
150	Management of severe malaria in children: proposed guidelines for the United Kingdom. BMJ: British Medical Journal, 2005, 331, 337-343.	2.3	53
151	Socioeconomic status, anthropometric status, and psychomotor development of Kenyan children from resource-limited settings: A path-analytic study. Early Human Development, 2008, 84, 613-621.	1.8	53
152	Fraction of all hospital admissions and deaths attributable to malnutrition among children in rural Kenya. American Journal of Clinical Nutrition, 2008, 88, 1626-1631.	4.7	52
153	Emergency triage assessment for hypoxaemia in neonates and young children in a Kenyan hospital: an observational study. Bulletin of the World Health Organization, 2009, 87, 263-270.	3.3	52
154	Prognostic Value of Circulating Pigmented Cells in African Children with Malaria. Journal of Infectious Diseases, 2009, 199, 142-150.	4.0	52
155	Towards optimal regimens of parenteral quinine for young African children with cerebral malaria: the importance of unbound quinine concentration. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 201-206.	1.8	50
156	Pharmacokinetics and anticonvulsant effects of diazepam in children with severe falciparum malaria and convulsions. British Journal of Clinical Pharmacology, 2002, 53, 49-57.	2.4	50
157	Invasive Bacterial Infections in Neonates and Young Infants Born Outside Hospital Admitted to a Rural Hospital in Kenya. Pediatric Infectious Disease Journal, 2010, 29, 945-949.	2.0	50
158	Likely Health Outcomes for Untreated Acute Febrile Illness in the Tropics in Decision and Economic Models; A Delphi Survey. PLoS ONE, 2011, 6, e17439.	2.5	50
159	An observational study of children with sickle cell disease in Kilifi, Kenya. British Journal of Haematology, 2009, 146, 675-682.	2.5	49
160	Nutritional status, hospitalization and mortality among patients with sickle cell anemia in Tanzania. Haematologica, 2011, 96, 948-953.	3.5	49
161	Epilepsy in Tanzanian children: Association with perinatal events and other risk factors. Epilepsia, 2012, 53, 752-760.	5.1	48
162	Speech and language sequelae of severe malaria in Kenyan children. Brain Injury, 2003, 17, 217-224.	1.2	47

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