

# Andrew Duncan Steele

## List of Publications by Year in descending order

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99  
papers

8,838  
citations

76326

40  
h-index

42399

92  
g-index

106  
all docs

106  
docs citations

106  
times ranked

5598  
citing authors

#	ARTICLE	IF	CITATIONS
1	2008 estimate of worldwide rotavirus-associated mortality in children younger than 5 years before the introduction of universal rotavirus vaccination programmes: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 136-141.	9.1	1,061
2	Effect of Human Rotavirus Vaccine on Severe Diarrhea in African Infants. <i>New England Journal of Medicine</i> , 2010, 362, 289-298.	27.0	800
3	Efficacy of pentavalent rotavirus vaccine against severe rotavirus gastroenteritis in infants in developing countries in Asia: a randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , The, 2010, 376, 615-623.	13.7	660
4	Efficacy of pentavalent rotavirus vaccine against severe rotavirus gastroenteritis in infants in developing countries in sub-Saharan Africa: a randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , The, 2010, 376, 606-614.	13.7	626
5	Rotavirus Vaccination and the Global Burden of Rotavirus Diarrhea Among Children Younger Than 5 Years. <i>JAMA Pediatrics</i> , 2018, 172, 958.	6.2	551
6	Global Mortality Associated with Rotavirus Disease among Children in 2004. <i>Journal of Infectious Diseases</i> , 2009, 200, S9-S15.	4.0	478
7	Morbidity and mortality due to shigella and enterotoxigenic <i>Escherichia coli</i> diarrhoea: the Global Burden of Disease Study 1990–2016. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1229-1240.	9.1	427
8	Systematic review of regional and temporal trends in global rotavirus strain diversity in the pre rotavirus vaccine era: Insights for understanding the impact of rotavirus vaccination programs. <i>Vaccine</i> , 2012, 30, A122-A130.	3.8	362
9	The Vast and Varied Global Burden of Norovirus: Prospects for Prevention and Control. <i>PLoS Medicine</i> , 2016, 13, e1001999.	8.4	305
10	Real-world Impact of Rotavirus Vaccination. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, S1-S5.	2.0	217
11	Burden and Epidemiology of Rotavirus Diarrhea in Selected African Countries: Preliminary Results from the African Rotavirus Surveillance Network. <i>Journal of Infectious Diseases</i> , 2010, 202, S5-S11.	4.0	170
12	Rotavirus Strain Types Circulating in Africa: Review of Studies Published during 1997–2006. <i>Journal of Infectious Diseases</i> , 2010, 202, S34-S42.	4.0	145
13	Efficacy of human rotavirus vaccine against severe gastroenteritis in Malawian children in the first two years of life: A randomized, double-blind, placebo controlled trial. <i>Vaccine</i> , 2012, 30, A36-A43.	3.8	122
14	Effectiveness of monovalent human rotavirus vaccine against admission to hospital for acute rotavirus diarrhoea in South African children: a case-control study. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1096-1104.	9.1	119
15	Human rotavirus vaccine Rotarix <sup>®</sup> provides protection against diverse circulating rotavirus strains in African infants: a randomized controlled trial. <i>BMC Infectious Diseases</i> , 2012, 12, 213.	2.9	117
16	Current and new rotavirus vaccines. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 435-444.	3.1	114
17	Estimating global, regional and national rotavirus deaths in children aged <5 years: Current approaches, new analyses and proposed improvements. <i>PLoS ONE</i> , 2017, 12, e0183392.	2.5	103
18	Etiology of Severe Acute Watery Diarrhea in Children in the Global Rotavirus Surveillance Network Using Quantitative Polymerase Chain Reaction. <i>Journal of Infectious Diseases</i> , 2017, 216, 220-227.	4.0	100

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19	The rotavirus vaccine development pipeline. <i>Vaccine</i> , 2019, 37, 7328-7335.	3.8	93
20	Health Impact of Rotavirus Vaccination in Developing Countries: Progress and Way Forward. <i>Clinical Infectious Diseases</i> , 2016, 62, S91-S95.	5.8	83
21	Prevalence of unusual human rotavirus strains in Ghanaian children. <i>Journal of Medical Virology</i> , 2001, 63, 67-71.	5.0	73
22	Secretor and Salivary ABO Blood Group Antigen Status Predict Rotavirus Vaccine Take in Infants. <i>Journal of Infectious Diseases</i> , 2017, 215, 786-789.	4.0	72
23	Correlates of protection for rotavirus vaccines: Possible alternative trial endpoints, opportunities, and challenges. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 3659-3671.	3.3	69
24	Challenges and Opportunities for Typhoid Fever Control: A Call for Coordinated Action. <i>Clinical Infectious Diseases</i> , 2016, 62, S4-S8.	5.8	69
25	Norovirus Epidemiology in Africa: A Review. <i>PLoS ONE</i> , 2016, 11, e0146280.	2.5	64
26	Impact of Withholding Breastfeeding at the Time of Vaccination on the Immunogenicity of Oral Rotavirus Vaccine—A Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0127622.	2.5	62
27	Safety, Reactogenicity, and Immunogenicity of Human Rotavirus Vaccine RIX4414 in Human Immunodeficiency Virus-positive Infants in South Africa. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 125-130.	2.0	61
28	The effect of probiotics and zinc supplementation on the immune response to oral rotavirus vaccine: A randomized, factorial design, placebo-controlled study among Indian infants. <i>Vaccine</i> , 2018, 36, 273-279.	3.8	60
29	Update of Rotavirus Strains Circulating in Africa From 2007 Through 2011. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S76-S84.	2.0	57
30	Influence of oral polio vaccines on performance of the monovalent and pentavalent rotavirus vaccines. <i>Vaccine</i> , 2012, 30, A30-A35.	3.8	56
31	Immunogenicity of the pentavalent rotavirus vaccine in African infants. <i>Vaccine</i> , 2012, 30, A86-A93.	3.8	53
32	Estimated reductions in hospitalizations and deaths from childhood diarrhea following implementation of rotavirus vaccination in Africa. <i>Expert Review of Vaccines</i> , 2017, 16, 987-995.	4.4	53
33	Association of serum anti-rotavirus immunoglobulin A antibody seropositivity and protection against severe rotavirus gastroenteritis. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 505-511.	3.3	52
34	Efficacy of the oral pentavalent rotavirus vaccine in Mali. <i>Vaccine</i> , 2012, 30, A71-A78.	3.8	50
35	Experiences with rotavirus vaccines: can we improve rotavirus vaccine impact in developing countries?. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1215-1227.	3.3	50
36	A systematic review of rotavirus strain diversity in India, Bangladesh, and Pakistan. <i>Vaccine</i> , 2012, 30, A131-A139.	3.8	49

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37	Rotavirus vaccination and intussusception – Science, surveillance, and safety: A review of evidence and recommendations for future research priorities in low and middle income countries. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2580-2589.	3.3	47
38	A Randomized, Controlled Trial of the Impact of Alternative Dosing Schedules on the Immune Response to Human Rotavirus Vaccine in Rural Ghanaian Infants. <i>Journal of Infectious Diseases</i> , 2016, 213, 1678-1685.	4.0	45
39	Noninterference of Rotavirus Vaccine With Measles-Rubella Vaccine at 9 Months of Age and Improvements in Antirotavirus Immunity: A Randomized Trial. <i>Journal of Infectious Diseases</i> , 2016, 213, 1686-1693.	4.0	44
40	Deconstructing the differences: a comparison of GBD 2010 and CHERG’s approach to estimating the mortality burden of diarrhea, pneumonia, and their etiologies. <i>BMC Infectious Diseases</i> , 2015, 15, 16.	2.9	43
41	Global rotavirus vaccine introductions and coverage: 2006 – 2016. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 2281-2296.	3.3	43
42	Whole genome detection of rotavirus mixed infections in human, porcine and bovine samples co-infected with various rotavirus strains collected from sub-Saharan Africa. <i>Infection, Genetics and Evolution</i> , 2015, 31, 321-334.	2.3	42
43	Impact of Different Dosing Schedules on the Immunogenicity of the Human Rotavirus Vaccine in Infants in Pakistan: A Randomized Trial. <i>Journal of Infectious Diseases</i> , 2014, 210, 1772-1779.	4.0	41
44	Secondary efficacy endpoints of the pentavalent rotavirus vaccine against gastroenteritis in sub-Saharan Africa. <i>Vaccine</i> , 2012, 30, A79-A85.	3.8	37
45	Whole genome analyses of G1P[8] rotavirus strains from vaccinated and non-vaccinated South African children presenting with diarrhea. <i>Journal of Medical Virology</i> , 2015, 87, 79-101.	5.0	36
46	Incidence of rotavirus gastroenteritis by age in African, Asian and European children: Relevance for timing of rotavirus vaccination. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2406-2412.	3.3	36
47	Determination of the G and P Types of Previously Nontypeable Rotavirus Strains from the African Rotavirus Network, 1996–2004: Identification of Unusual G Types. <i>Journal of Infectious Diseases</i> , 2010, 202, S49-S54.	4.0	35
48	South African G4P[6] asymptomatic and symptomatic neonatal rotavirus strains differ in their NSP4, VP8*, and VP7 genes. <i>Journal of Medical Virology</i> , 2000, 62, 208-216.	5.0	34
49	Novel NSP1 genotype characterised in an African camel G8P[11] rotavirus strain. <i>Infection, Genetics and Evolution</i> , 2014, 21, 58-66.	2.3	34
50	Typhoid Fever: Way Forward. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 89-96.	1.4	32
51	Estimated impact of rotavirus vaccine on hospitalizations and deaths from rotavirus diarrhea among children &lt;5 in Asia. <i>Expert Review of Vaccines</i> , 2018, 17, 453-460.	4.4	30
52	Comparative analysis of pentavalent rotavirus vaccine strains and G8 rotaviruses identified during vaccine trial in Africa. <i>Scientific Reports</i> , 2015, 5, 14658.	3.3	30
53	Understanding Rotavirus Vaccine Efficacy and Effectiveness in Countries with High Child Mortality. <i>Vaccines</i> , 2022, 10, 346.	4.4	30
54	Whole-genome analyses of DS-1-like human G2P[4] and G8P[4] rotavirus strains from Eastern, Western and Southern Africa. <i>Virus Genes</i> , 2014, 49, 196-207.	1.6	29

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55	Rotavirus Genetic Diversity, Disease Association, and Temporal Change in Hospitalized Rural Kenyan Children. <i>Journal of Infectious Diseases</i> , 2010, 202, S180-S186.	4.0	28
56	Rotavirus vaccination within the South African Expanded Programme on Immunisation. <i>Vaccine</i> , 2012, 30, C14-C20.	3.8	27
57	Whole-genome sequencing and analyses identify high genetic heterogeneity, diversity and endemicity of rotavirus genotype P[6] strains circulating in Africa. <i>Infection, Genetics and Evolution</i> , 2018, 63, 79-88.	2.3	26
58	Emergence and Characterization of Serotype G9 Rotavirus Strains from Africa. <i>Journal of Infectious Diseases</i> , 2010, 202, S55-S63.	4.0	21
59	Prevalence and Diversity of Rotavirus Strains in Children with Acute Diarrhea from Rural Communities in the Limpopo Province, South Africa, from 1998 to 2000. <i>Journal of Infectious Diseases</i> , 2010, 202, S148-S155.	4.0	20
60	Prospective Hospital-Based Surveillance to Estimate Rotavirus Disease Burden in the Gauteng and North West Province of South Africa during 2003-2005. <i>Journal of Infectious Diseases</i> , 2010, 202, S131-S138.	4.0	20
61	Development and characterization of candidate rotavirus vaccine strains derived from children with diarrhoea in Vietnam. <i>Vaccine</i> , 2009, 27, F130-F138.	3.8	19
62	Characterization of Human Rotavirus Strains from Children with Diarrhea in Nairobi and Kisumu, Kenya, between 2000 and 2002. <i>Journal of Infectious Diseases</i> , 2010, 202, S187-S192.	4.0	19
63	Preparing for the Scale-up of Rotavirus Vaccine Introduction in Africa. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S1-S5.	2.0	19
64	Rotavirus Vaccines in China. <i>JAMA Network Open</i> , 2018, 1, e181579.	5.9	19
65	Overcoming perceptions of financial barriers to rotavirus vaccine introduction in Asia. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2418-2426.	3.3	18
66	Human P[6] Rotaviruses From Sub-Saharan Africa and Southeast Asia Are Closely Related to Those of Human P[4] and P[8] Rotaviruses Circulating Worldwide. <i>Journal of Infectious Diseases</i> , 2016, 214, 1039-1049.	4.0	18
67	A decade of the Asian Rotavirus Surveillance Network: Achievements and future directions. <i>Vaccine</i> , 2009, 27, F1-F3.	3.8	17
68	Molecular characterization of rotavirus strains detected during a clinical trial of a human rotavirus vaccine in Blantyre, Malawi. <i>Vaccine</i> , 2012, 30, A140-A151.	3.8	16
69	Complete genome analyses of the first porcine rotavirus group H identified from a South African pig does not provide evidence for recent interspecies transmission events. <i>Infection, Genetics and Evolution</i> , 2016, 38, 1-7.	2.3	13
70	Rotavirus vaccine will have an impact in Asia. <i>PLoS Medicine</i> , 2017, 14, e1002298.	8.4	13
71	Rotavirus in Africa: Shifting the Focus to Disease Prevention. <i>Journal of Infectious Diseases</i> , 2010, 202, S1-S4.	4.0	12
72	The Severe Typhoid Fever in Africa Program Highlights the Need for Broad Deployment of Typhoid Conjugate Vaccines. <i>Clinical Infectious Diseases</i> , 2019, 69, S413-S416.	5.8	11

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73	Typhoid Conjugate Vaccines and Enteric Fever Control: Where to Next?. <i>Clinical Infectious Diseases</i> , 2020, 71, S185-S190.	5.8	11
74	Hepatitis E should be a global public health priority: recommendations for improving surveillance and prevention. <i>Expert Review of Vaccines</i> , 2020, 19, 1129-1140.	4.4	11
75	Pivotal Shigella Vaccine Efficacy Trials—Study Design Considerations from a Shigella Vaccine Trial Design Working Group. <i>Vaccines</i> , 2022, 10, 489.	4.4	11
76	Rotavirus Vaccines—A New Hope. <i>New England Journal of Medicine</i> , 2017, 376, 1170-1172.	27.0	10
77	Rotavirus vaccine impact in Africa: greater than the sum of its parts?. <i>The Lancet Global Health</i> , 2018, 6, e948-e949.	6.3	10
78	Whole Genome In-Silico Analysis of South African G1P[8] Rotavirus Strains before and after Vaccine Introduction over a Period of 14 Years. <i>Vaccines</i> , 2020, 8, 609.	4.4	9
79	Global Action for Local Impact: The 11th International Conference on Typhoid and Other Invasive Salmonellosis. <i>Clinical Infectious Diseases</i> , 2020, 71, S59-S63.	5.8	9
80	Post-vaccine rotavirus genotype distribution in Nairobi County, Kenya. <i>International Journal of Infectious Diseases</i> , 2020, 100, 434-440.	3.3	9
81	The value of cholera vaccines reassessed. <i>Lancet</i> , 2005, 366, 7-9.	13.7	8
82	How Can the Typhoid Fever Surveillance in Africa and the Severe Typhoid Fever in Africa Programs Contribute to the Introduction of Typhoid Conjugate Vaccines?. <i>Clinical Infectious Diseases</i> , 2019, 69, S417-S421.	5.8	8
83	Measuring Rotavirus Vaccine Impact in Sub-Saharan Africa. <i>Clinical Infectious Diseases</i> , 2020, 70, 2314-2316.	5.8	8
84	Next-generation rotavirus vaccine developers meeting: Summary of a meeting sponsored by PATH and the Bill & Melinda Gates Foundation (19–20 June 2019, Geneva). <i>Vaccine</i> , 2020, 38, 8247-8254.	3.8	8
85	Consensus Report on Shigella Controlled Human Infection Model: Introduction and Overview. <i>Clinical Infectious Diseases</i> , 2019, 69, S577-S579.	5.8	7
86	Whole Genome Analysis of African G12P[6] and G12P[8] Rotaviruses Provides Evidence of Porcine-Human Reassortment at NSP2, NSP3, and NSP4. <i>Frontiers in Microbiology</i> , 2020, 11, 604444.	3.5	7
87	Genetic characterization of G12P[6] and G12P[8] rotavirus strains collected in six African countries between 2010 and 2014. <i>BMC Infectious Diseases</i> , 2021, 21, 107.	2.9	7
88	Evidence to Action: The 10th International Conference on Typhoid and Other Invasive Salmonellosis. <i>Clinical Infectious Diseases</i> , 2019, 68, S1-S3.	5.8	6
89	Norovirus diarrhea is significantly associated with higher counts of fecal histo-blood group antigen expressing <i>Enterobacter cloacae</i> among black South African infants. <i>Gut Microbes</i> , 2021, 13, 1979876.	9.8	6
90	A decade of rotavirus vaccination in Africa - Saving lives and changing the face of diarrhoeal diseases: Report of the 12th African Rotavirus Symposium. <i>Vaccine</i> , 2021, 39, 2319-2324.	3.8	6

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91	Reaching every child with rotavirus vaccine: Report from the 10th African rotavirus symposium held in Bamako, Mali. <i>Vaccine</i> , 2017, 35, 5511-5518.	3.8	5
92	Evidence of reduction of rotavirus diarrheal disease after rotavirus vaccine introduction in national immunization programs in the African countries: Report of the 11th African rotavirus symposium held in Lilongwe, Malawi. <i>Vaccine</i> , 2019, 37, 2975-2981.	3.8	5
93	Challenges and opportunities in setting up a phase III vaccine clinical trial in resource limited settings: Experience from Nepal. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2149-2157.	3.3	5
94	The Burden of Typhoid Fever in Sub-Saharan Africa: A Perspective. <i>Research and Reports in Tropical Medicine</i> , 2022, Volume 13, 1-9.	1.4	5
95	Financing children's vaccines. <i>Vaccine</i> , 2009, 27, F12-F17.	3.8	4
96	A Global Agenda for Typhoid Control – A Perspective from the Bill & Melinda Gates Foundation. <i>Clinical Infectious Diseases</i> , 2019, 68, S42-S45.	5.8	3
97	Rotavirus Vaccines Set to Make Inroads in Asia. <i>Clinical Infectious Diseases</i> , 2019, 69, 2071-2073.	5.8	3
98	Vaccine Impact Data Should Support Country Decision Making. <i>Journal of Infectious Diseases</i> , 2017, 215, 1634-1636.	4.0	1
99	Low seroprevalence of hepatitis E virus in pregnant women in an urban area near Pretoria, South Africa. <i>IJID Regions</i> , 2022, 2, 70-73.	1.3	1