Halvor Sommerfelt

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the) Tj ETQq1 1 209-222.	0.784314 13.7	rgBT /Overl 2,885
2	The Global Enteric Multicenter Study (GEMS) of Diarrheal Disease in Infants and Young Children in Developing Countries: Epidemiologic and Clinical Methods of the Case/Control Study. Clinical Infectious Diseases, 2012, 55, S232-S245.	5.8	300
3	Molecular mechanisms of enterotoxigenic Escherichia coli infection. Microbes and Infection, 2010, 12, 89-98.	1.9	248
4	Exclusive breastfeeding promotion by peer counsellors in sub-Saharan Africa (PROMISE-EBF): a cluster-randomised trial. Lancet, The, 2011, 378, 420-427.	13.7	219
5	The Burden of Cryptosporidium Diarrheal Disease among Children < 24 Months of Age in Moderate/High Mortality Regions of Sub-Saharan Africa and South Asia, Utilizing Data from the Global Enteric Multicenter Study (GEMS). PLoS Neglected Tropical Diseases, 2016, 10, e0004729.	3.0	201
6	The incidence, aetiology, and adverse clinical consequences of less severe diarrhoeal episodes among infants and children residing in low-income and middle-income countries: a 12-month case-control study as a follow-on to the Global Enteric Multicenter Study (GEMS). The Lancet Global Health, 2019, 7, e568-e584.	6.3	168
7	Substantial Reduction in Severe Diarrheal Morbidity by Daily Zinc Supplementation in Young North Indian Children. Pediatrics, 2002, 109, e86-e86.	2.1	130
8	A Comparative Genomic Analysis of Diverse Clonal Types of Enterotoxigenic <i>Escherichia coli</i> Reveals Pathovar-Specific Conservation. Infection and Immunity, 2011, 79, 950-960.	2.2	122
9	Protective Immunity after Natural Rotavirus Infection: A Community Cohort Study of Newborn Children in Guineaâ€Bissau, West Africa. Journal of Infectious Diseases, 2002, 186, 593-597.	4.0	121
10	Diarrhoeal disease and subsequent risk of death in infants and children residing in low-income and middle-income countries: analysis of the GEMS case-control study and 12-month GEMS-1A follow-on study. The Lancet Global Health, 2020, 8, e204-e214.	6.3	121
11	Effectiveness and Efficacy of Zinc for the Treatment of Acute Diarrhea in Young Children. Pediatrics, 2002, 109, 898-903.	2.1	117
12	Enteroaggregative Escherichia coli and Salmonella associated with nondysenteric persistent diarrhea. Pediatric Infectious Disease Journal, 1989, 8, 499-501.	2.0	114
13	Effect of routine zinc supplementation on pneumonia in children aged 6 months to 3 years: randomised controlled trial in an urban slum. BMJ: British Medical Journal, 2002, 324, 1358-1358.	2.3	114
14	Effect of implementation of Integrated Management of Neonatal and Childhood Illness (IMNCI) programme on neonatal and infant mortality: cluster randomised controlled trial. BMJ: British Medical Journal, 2012, 344, e1634-e1634.	2.3	105
15	Cobalamin and folate status in infants and young children in a low-to-middle income community in India. American Journal of Clinical Nutrition, 2007, 86, 1302-1309.	4.7	102
16	Cohort Study of Guinean Children: Incidence, Pathogenicity, Conferred Protection, and Attributable Risk for Enteropathogens during the First 2 Years of Life. Journal of Clinical Microbiology, 2003, 41, 4238-4245.	3.9	96
17	Quantitative PCR for Detection of Shigella Improves Ascertainment of Shigella Burden in Children with Moderate-to-Severe Diarrhea in Low-Income Countries. Journal of Clinical Microbiology, 2013, 51, 1740-1746.	3.9	96
18	CONSORT-Equity 2017 extension and elaboration for better reporting of health equity in randomised trials. BMJ: British Medical Journal, 2017, 359, j5085.	2.3	92

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19	EnterotoxigenicEscherichia coliInfections and Diarrhea in a Cohort of Young Children in Guineaâ€Bissau. Journal of Infectious Diseases, 2002, 186, 1740-1747.	4.0	90
20	Cobalamin and folate status predicts mental development scores in North Indian children 12–18 mo of age. American Journal of Clinical Nutrition, 2013, 97, 310-317.	4.7	90
21	Protection from natural infections with enterotoxigenic Escherichia coli: longitudinal study. Lancet, The, 2003, 362, 286-291.	13.7	85
22	Vaccination coverage and timeliness in three South African areas: a prospective study. BMC Public Health, 2011, 11, 404.	2.9	81
23	Zinc as adjunct treatment in infants aged between 7 and 120 days with probable serious bacterial infection: a randomised, double-blind, placebo-controlled trial. Lancet, The, 2012, 379, 2072-2078.	13.7	79
24	Efficacy of zinc-fortified oral rehydration solution in 6- to 35-month-old children with acute diarrhea. Journal of Pediatrics, 2002, 141, 677-682.	1.8	77
25	Heat-Stable Enterotoxin of Enterotoxigenic <i>Escherichia coli</i> as a Vaccine Target. Infection and Immunity, 2010, 78, 1824-1831.	2.2	77
26	Case-control vaccine effectiveness studies: Preparation, design, and enrollment of cases and controls. Vaccine, 2017, 35, 3295-3302.	3.8	77
27	Child survival and BCG vaccination: a community based prospective cohort study in Uganda. BMC Public Health, 2015, 15, 175.	2.9	74
28	ls vaccination coverage a good indicator of age-appropriate vaccination? A prospective study from Uganda. Vaccine, 2011, 29, 3564-3570.	3.8	73
29	Statistical Methods in the Global Enteric Multicenter Study (GEMS). Clinical Infectious Diseases, 2012, 55, S246-S253.	5.8	72
30	Effect of withholding breastfeeding on the immune response to a live oral rotavirus vaccine in North Indian infants. Vaccine, 2014, 32, A134-A139.	3.8	69
31	Extended pre-exposure prophylaxis with lopinavir–ritonavir versus lamivudine to prevent HIV-1 transmission through breastfeeding up to 50 weeks in infants in Africa (ANRS 12174): a randomised controlled trial. Lancet, The, 2016, 387, 566-573.	13.7	69
32	Colonization factors among enterotoxigenic Escherichia coli isolates from children with moderate-to-severe diarrhea and from matched controls in the Global Enteric Multicenter Study (GEMS). PLoS Neglected Tropical Diseases, 2019, 13, e0007037.	3.0	68
33	Effect of community-initiated kangaroo mother care on survival of infants with low birthweight: a randomised controlled trial. Lancet, The, 2019, 394, 1724-1736.	13.7	64
34	RNA viruses in community-acquired childhood pneumonia in semi-urban Nepal; a cross-sectional study. BMC Medicine, 2009, 7, 35.	5.5	63
35	Distribution of Classical and Nonclassical Virulence Genes in Enterotoxigenic Escherichia coli Isolates from Chilean Children and tRNA Gene Screening for Putative Insertion Sites for Genomic Islands. Journal of Clinical Microbiology, 2011, 49, 3198-3203.	3.9	62
36	Maternal education is associated with vaccination status of infants less than 6 months in Eastern Uganda: a cohort study. BMC Pediatrics, 2010, 10, 92.	1.7	58

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37	Perinatal Mortality in Eastern Uganda: A Community Based Prospective Cohort Study. PLoS ONE, 2011, 6, e19674.	2.5	56
38	Pathogens Associated With Linear Growth Faltering in Children With Diarrhea and Impact of Antibiotic Treatment: The Global Enteric Multicenter Study. Journal of Infectious Diseases, 2021, 224, S848-S855.	4.0	55
39	Ancestral Lineages of Human Enterotoxigenic <i>Escherichia coli</i> . Journal of Clinical Microbiology, 2010, 48, 2916-2924.	3.9	54
40	Enteroaggregative Escherichia coli may be a New Pathogen Causing Acute and Persistent Diarrhea. Scandinavian Journal of Infectious Diseases, 1993, 25, 579-583.	1.5	50
41	A Randomized Controlled Trial of Zinc as Adjuvant Therapy for Severe Pneumonia in Young Children. Pediatrics, 2012, 129, 701-708.	2.1	48
42	Cost-effectiveness of zinc as adjunct therapy for acute childhood diarrhoea in developing countries. Bulletin of the World Health Organization, 2004, 82, 523-31.	3.3	47
43	Micronutrient deficiency in children. British Journal of Nutrition, 2001, 85, S199-S203.	2.3	46
44	A randomized controlled trial of the effect of zinc as adjuvant therapy in children 2–35 mo of age with severe or nonsevere pneumonia in Bhaktapur, Nepal. American Journal of Clinical Nutrition, 2010, 91, 1667-1674.	4.7	46
45	Measurement of specific IgA in faecal extracts and intestinal lavage fluid for monitoring of mucosal immune responses. Journal of Immunological Methods, 2000, 239, 53-62.	1.4	44
46	Perinatal mortality in rural Burkina Faso: a prospective community-based cohort study. BMC Pregnancy and Childbirth, 2010, 10, 45.	2.4	44
47	Predictors of plasma zinc concentrations in children with acute diarrhea. American Journal of Clinical Nutrition, 2004, 79, 451-456.	4.7	42
48	Intestinal and Systemic Immune Responses to an Oral Cholera Toxoid B Subunit Whole-Cell Vaccine Administered during Zinc Supplementation. Infection and Immunity, 2003, 71, 3909-3913.	2.2	41
49	Risk Factors for Extended Duration of Acute Diarrhea in Young Children. PLoS ONE, 2012, 7, e36436.	2.5	41
50	Effects of Zinc Deficiency and Pneumococcal Surface Protein A Immunization on Zinc Status and the Risk of Severe Infection in Mice. Infection and Immunity, 2003, 71, 2009-2013.	2.2	40
51	Early infant feeding practices in three African countries: the PROMISE-EBF trial promoting exclusive breastfeeding by peer counsellors. International Breastfeeding Journal, 2014, 9, 19.	2.6	37
52	Development and evaluation of genotypic assays for the detection and characterization of enterotoxigenic Escherichia coli. Diagnostic Microbiology and Infectious Disease, 2003, 45, 97-105.	1.8	36
53	Zinc Deficiency Is Common among Healthy Women of Reproductive Age in Bhaktapur, Nepal. Journal of Nutrition, 2009, 139, 594-597.	2.9	36
54	Cost-Effectiveness of Peer Counselling for the Promotion of Exclusive Breastfeeding in Uganda. PLoS ONE, 2015, 10, e0142718.	2.5	34

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55	Growth effects of exclusive breastfeeding promotion by peer counsellors in sub-Saharan Africa: the cluster-randomised PROMISE EBF trial. BMC Public Health, 2014, 14, 633.	2.9	33
56	Clinical Presentation and Severity of Viral Community-Acquired Pneumonia in Young Nepalese Children. Pediatric Infectious Disease Journal, 2010, 29, e1-e6.	2.0	32
57	Respiratory Viruses in Nepalese Children With and Without Pneumonia. Pediatric Infectious Disease Journal, 2010, 29, 731-735.	2.0	32
58	Pneumococcal pulmonary infection, septicaemia and survival in young zinc–depleted mice. British Journal of Nutrition, 2001, 86, 301-306.	2.3	31
59	Case-control vaccine effectiveness studies: Data collection, analysis and reporting results. Vaccine, 2017, 35, 3303-3308.	3.8	31
60	Neonatal sepsis at Mulago national referral hospital in Uganda: Etiology, antimicrobial resistance, associated factors and case fatality risk. PLoS ONE, 2020, 15, e0237085.	2.5	31
61	Microbiota That Affect Risk for Shigellosis in Children in Low-Income Countries. Emerging Infectious Diseases, 2015, 21, 242-250.	4.3	30
62	Kangaroo mother care: using formative research to design an acceptable community intervention. BMC Public Health, 2018, 18, 307.	2.9	29
63	Community-based controlled trial of dietary management of children with persistent diarrhea: sustained beneficial effect on ponderal and linear growth. American Journal of Clinical Nutrition, 2001, 73, 968-974.	4.7	28
64	Folate, but not vitamin B-12 status, predicts respiratory morbidity in north Indian children. American Journal of Clinical Nutrition, 2007, 86, 139-144.	4.7	27
65	Towards Rational Design of a Toxoid Vaccine against the Heat-Stable Toxin of Escherichia coli. Infection and Immunity, 2016, 84, 1239-1249.	2.2	26
66	Some Epidemiologic, Clinical, Microbiologic, and Organizational Assumptions That Influenced the Design and Performance of the Global Enteric Multicenter Study (GEMS). Clinical Infectious Diseases, 2012, 55, S225-S231.	5.8	25
67	Lopinavir/Ritonavir versus Lamivudine peri-exposure prophylaxis to prevent HIV-1 transmission by breastfeeding: the PROMISE-PEP trial Protocol ANRS 12174. BMC Infectious Diseases, 2012, 12, 246.	2.9	25
68	Effect of implementation of Integrated Management of Neonatal and Childhood Illness programme on treatment seeking practices for morbidities in infants: cluster randomised trial. BMJ, The, 2014, 349, g4988-g4988.	6.0	25
69	Quantitative PCR and culture evaluation for enterotoxigenic <i>Escherichia coli</i> (ETEC) associated diarrhea in volunteers. FEMS Microbiology Letters, 2014, 352, 25-31.	1.8	25
70	Cobalamin and Folate Status in 6 to 35 Months Old Children Presenting with Acute Diarrhea in Bhaktapur, Nepal. PLoS ONE, 2014, 9, e90079.	2.5	25
71	Predictors of Duration and Treatment Failure of Severe Pneumonia in Hospitalized Young Nepalese Children. PLoS ONE, 2015, 10, e0122052.	2.5	22
72	Impact of community-initiated Kangaroo Mother Care on survival of low birth weight infants: study protocol for a randomized controlled trial. Trials, 2017, 18, 262.	1.6	22

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73	Antigenic variation within the subunit protein of members of the colonization factor antigen I group of fimbrial proteins in human enterotoxigenic Escherichia coli. International Journal of Medical Microbiology, 2002, 292, 43-50.	3.6	21
74	Development of an enterotoxigenic <i>Escherichia coli</i> vaccine based on the heat-stable toxin. Human Vaccines and Immunotherapeutics, 2019, 15, 1379-1388.	3.3	21
75	Effect of Community-Initiated Kangaroo Mother Care on Postpartum Depressive Symptoms and Stress Among Mothers of Low-Birth-Weight Infants. JAMA Network Open, 2021, 4, e216040.	5.9	21
76	Malaria Parasitaemia among Infants and Its Association with Breastfeeding Peer Counselling and Vitamin A Supplementation: A Secondary Analysis of a Cluster Randomized Trial. PLoS ONE, 2011, 6, e21862.	2.5	21
77	Clonal Relatedness of Enterotoxigenic Escherichia coli Strains Isolated from a Cohort of Young Children in Guinea-Bissau. Journal of Clinical Microbiology, 2004, 42, 3100-3107.	3.9	20
78	Community cohort study of Cryptosporidium parvum infections: sex-differential incidences associated with BCG and diptheria–tetanus–pertussis vaccinations. Vaccine, 2007, 25, 2733-2741.	3.8	20
79	Zinc Supplementation for Four Months Does Not Affect Growth in Young North Indian Children1–4. Journal of Nutrition, 2010, 140, 630-634.	2.9	20
80	Prospective Hospitalâ€Based Surveillance to Estimate Rotavirus Disease Burden in the Gauteng and North West Province of South Africa during 2003–2005. Journal of Infectious Diseases, 2010, 202, S131-S138.	4.0	20
81	Two Weeks of Zinc Administration to Nepalese Children with Pneumonia Does Not Reduce the Incidence of Pneumonia or Diarrhea during the Next Six Months. Journal of Nutrition, 2010, 140, 1677-1682.	2.9	19
82	The high burden of infant deaths in rural Burkina Faso: a prospective community-based cohort study. BMC Public Health, 2012, 12, 739.	2.9	19
83	Effects of an exclusive breastfeeding intervention for six months on growth patterns of 4–5 year old children in Uganda: the cluster-randomised PROMISE EBF trial. BMC Public Health, 2016, 16, 555.	2.9	19
84	Community initiated kangaroo mother care and early child development in low birth weight infants in India-a randomized controlled trial. BMC Pediatrics, 2020, 20, 150.	1.7	19
85	Characterization of Immunological Cross-Reactivity between Enterotoxigenic Escherichia coli Heat-Stable Toxin and Human Guanylin and Uroguanylin. Infection and Immunity, 2014, 82, 2913-2922.	2.2	18
86	ORS Containing Zinc Does Not Reduce Duration or Stool Volume of Acute Diarrhea in Hospitalized Children. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 161-167.	1.8	17
87	Experimental infection of healthy volunteers with enterotoxigenic Escherichia coliwild-type strain TW10598 in a hospital ward. BMC Infectious Diseases, 2014, 14, 482.	2.9	17
88	Mechanism of spontaneous loss of heatâ€stable toxin (STa) production in enterotoxigenic Escherichia coli. Apmis, 1989, 97, 436-440.	2.0	16
89	Induction of colonization factor antigen I (CFA/I) and coli surface antigen 4 (CS4) of enterotoxigenic Escherichia coli: relevance for vaccine production. Vaccine, 1993, 11, 221-226.	3.8	15
90	RNA Viruses in Young Nepalese Children Hospitalized With Severe Pneumonia. Pediatric Infectious Disease Journal, 2011, 30, 1032-1036.	2.0	15

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91	Poor Folate Status Predicts Persistent Diarrhea in 6- to 30-Month-Old North Indian Children. Journal of Nutrition, 2011, 141, 2226-2232.	2.9	15
92	A new human challenge model for testing heat-stable toxin-based vaccine candidates for enterotoxigenic Escherichia coli diarrhea – dose optimization, clinical outcomes, and CD4+ T cell responses. PLoS Neglected Tropical Diseases, 2019, 13, e0007823.	3.0	15
93	Viewpoint of a WHO Advisory Group Tasked to Consider Establishing a Closely-monitored Challenge Model of Coronavirus Disease 2019 (COVID-19) in Healthy Volunteers. Clinical Infectious Diseases, 2021, 72, 2035-2041.	5.8	15
94	Presence of cfaD-homologous sequences and expression of coli surface antigen 4 on enterotoxigenic Escherichia coli; relevance for diagnostic procedures. Microbial Pathogenesis, 1991, 11, 297-304.	2.9	13
95	Case/Control Studies With Follow-up: Constructing the Source Population to Estimate Effects of Risk Factors on Development, Disease, and Survival. Clinical Infectious Diseases, 2012, 55, S262-S270.	5.8	13
96	Nutritional Intake and Status of Cobalamin and Folate among Non-Pregnant Women of Reproductive Age in Bhaktapur, Nepal. Nutrients, 2016, 8, 375.	4.1	13
97	Clonal clustering and colonization factors among thermolabile and porcine thermostable enterotoxin-producing Escherichia coli. Apmis, 2002, 110, 665-672.	2.0	11
98	Efficacy of umbilical cord cleansing with a single application of 4% chlorhexidine for the prevention of newborn infections in Uganda: study protocol for a randomized controlled trial. Trials, 2017, 18, 322.	1.6	11
99	"We shall count it as a part of kyogero†acceptability and considerations for scale up of single dose chlorhexidine for umbilical cord care in Central Uganda. BMC Pregnancy and Childbirth, 2018, 18, 476.	2.4	11
100	Experimental Infection of Human Volunteers with the Heat-Stable Enterotoxin-Producing Enterotoxigenic Escherichia coli Strain TW11681. Pathogens, 2019, 8, 84.	2.8	11
101	Immunizations with Enterotoxigenic Escherichia coli Heat-Stable Toxin Conjugates Engender Toxin-Neutralizing Antibodies in Mice That Also Cross-React with Guanylin and Uroguanylin. Infection and Immunity, 2019, 87, .	2.2	11
102	Prevalence of Iron Deficiency and Anemia among Young Children with Acute Diarrhea in Bhaktapur, Nepal. Healthcare (Switzerland), 2015, 3, 593-606.	2.0	10
103	Proliferation of enterotoxigenic Escherichia coli strain TW11681 in stools of experimentally infected human volunteers. Gut Pathogens, 2018, 10, 46.	3.4	10
104	Vaginal colonisation of women in labour with potentially pathogenic bacteria: a cross sectional study at three primary health care facilities in Central Uganda. BMC Infectious Diseases, 2020, 20, 98.	2.9	9
105	Vaginal colonization with antimicrobial-resistant bacteria among women in labor in central Uganda: prevalence and associated factors. Antimicrobial Resistance and Infection Control, 2021, 10, 37.	4.1	8
106	Community-based randomized controlled trial of reduced osmolarity oral rehydration solution in acute childhood diarrhea. Pediatric Infectious Disease Journal, 1999, 18, 789-795.	2.0	8
107	Identification and molecular characterization of the gene encoding coli surface antigen 20 of enterotoxigenicEscherichia coli. FEMS Microbiology Letters, 2004, 239, 131-138.	1.8	7
108	Evaluation of DNA-DNA Hybridization for the Direct Detection of Enterotoxigenic Escherichia coli in Stool Blots. Scandinavian Journal of Infectious Diseases, 1993, 25, 457-463.	1.5	6

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109	Cobalamin Status Modifies the Effect of Zinc Supplementation on the Incidence of Prolonged Diarrhea in 6- to 30-Month-Old North Indian Children. Journal of Nutrition, 2011, 141, 1108-1113.	2.9	5
110	Early versus late BCG vaccination in HIV-1-exposed infants in Uganda: study protocol for a randomized controlled trial. Trials, 2017, 18, 152.	1.6	5
111	Predictors of death in infants with probable serious bacterial infection. Pediatric Research, 2018, 83, 784-790.	2.3	5
112	Expression of colonization factor antigen I fimbriae by enterotoxigenic Escherichia coli; influence of growth conditions and a recombinant positive regulatory gene. Apmis, 1997, 105, 247-254.	2.0	4
113	Predictors of Time to Recovery in Infants with Probable Serious Bacterial Infection. PLoS ONE, 2015, 10, e0124594.	2.5	4
114	Zinc as an adjunct treatment for reducing case fatality due to clinical severe infection in young infants: study protocol for a randomized controlled trial. BMC Pharmacology & Toxicology, 2017, 18, 56.	2.4	4
115	Prolonged and persistent diarrhoea is not restricted to children with acute malnutrition: an observational study in Ethiopia. Tropical Medicine and International Health, 2019, 24, 1088-1097.	2.3	3
116	Antenatal Uterotonics as a Risk Factor for Intrapartum Stillbirth and First-day Death in Haryana, India. Epidemiology, 2020, 31, 668-676.	2.7	3
117	Extended Pre-exposure Prophylaxis With Lopinavir-Ritonavir Versus Lamivudine to Prevent HIV-1 Transmission Through Breastfeeding Up to 50 Weeks in Infants in Africa (ANRS 12174). Obstetrical and Gynecological Survey, 2016, 71, 326-328.	0.4	2
118	Effects of complementary feeding on attained height among lower primary school-aged children in Eastern Uganda: A nested prospective cohort study. PLoS ONE, 2019, 14, e0211411.	2.5	2
119	Estimating the disease burden ascribed to specific enteropathogens. The Lancet Clobal Health, 2021, 9, e1343-e1344.	6.3	2
120	Genotypic detection of enterotoxigenic Escherichia coli colonisation factors. Apmis, 2001, 109, 447-453.	2.0	1
121	Health equity impact of community-initiated kangaroo mother care: a randomized controlled trial. International Journal for Equity in Health, 2021, 20, 263.	3.5	1
122	A comparison of risk factors for cryptosporidiosis and non-cryptosporidiosis diarrhoea: A case-case-control study in Ethiopian children. PLoS Neglected Tropical Diseases, 2022, 16, e0010508.	3.0	1
123	Zinc for probable serious bacterial infection in infants – Authors' reply. Lancet, The, 2012, 380, 1144.	13.7	0
124	Effect of Community-Initiated Kangaroo Mother Care on Fecal Biomarkers of Gut Function in Low Birth Weight Infants in North India: A Randomized Clinical Trial. American Journal of Tropical Medicine and Hygiene, 2021, , .	1.4	0