

Eric R Houpt

List of Publications by Year in descending order

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59
papers

3,942
citations

236833

25
h-index

133188

59
g-index

60
all docs

60
docs citations

60
times ranked

4795
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen-specific burdens of community diarrhoea in developing countries: a multisite birth cohort study (MAL-ED). <i>The Lancet Global Health</i> , 2015, 3, e564-e575.	2.9	725
2	Use of quantitative molecular diagnostic methods to identify causes of diarrhoea in children: a reanalysis of the GEMS case-control study. <i>Lancet</i> , The, 2016, 388, 1291-1301.	6.3	658
3	Use of quantitative molecular diagnostic methods to investigate the effect of enteropathogen infections on linear growth in children in low-resource settings: longitudinal analysis of results from the MAL-ED cohort study. <i>The Lancet Global Health</i> , 2018, 6, e1319-e1328.	2.9	280
4	Development and assessment of molecular diagnostic tests for 15 enteropathogens causing childhood diarrhoea: a multicentre study. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 716-724.	4.6	263
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). <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004729.	1.3	201
6	Etiology of Diarrhea in Bangladeshi Infants in the First Year of Life Analyzed Using Molecular Methods. <i>Journal of Infectious Diseases</i> , 2013, 208, 1794-1802.	1.9	164
7	Three Domains of Competency in Global Health Education: Recommendations for All Medical Students. <i>Academic Medicine</i> , 2007, 82, 222-225.	0.8	134
8	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. <i>The Lancet Global Health</i> , 2020, 8, e204-e214.	2.9	121
9	Multiplex reverse transcription PCR Luminex assay for detection and quantitation of viral agents of gastroenteritis. <i>Journal of Clinical Virology</i> , 2011, 50, 308-313.	1.6	110
10	Prevention of intestinal amebiasis by vaccination with the <i>Entamoeba histolytica</i> Gal/GalNac lectin. <i>Vaccine</i> , 2004, 22, 611-617.	1.7	89
11	Impact of enterovirus and other enteric pathogens on oral polio and rotavirus vaccine performance in Bangladeshi infants. <i>Vaccine</i> , 2016, 34, 3068-3075.	1.7	89
12	Impact of Water Quality, Sanitation, Handwashing, and Nutritional Interventions on Enteric Infections in Rural Zimbabwe: The Sanitation Hygiene Infant Nutrition Efficacy (SHINE) Trial. <i>Journal of Infectious Diseases</i> , 2020, 221, 1379-1386.	1.9	65
13	Digital PCR to Detect and Quantify Heteroresistance in Drug Resistant <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2013, 8, e57238.	1.1	64
14	Molecular Diagnosis of Diarrhea: Current Status and Future Potential. <i>Current Infectious Disease Reports</i> , 2012, 14, 41-46.	1.3	57
15	The Etiology, Risk Factors, and Interactions of Enteric Infections and Malnutrition and the Consequences for Child Health and Development Study (MAL-ED): Description of the Tanzanian Site. <i>Clinical Infectious Diseases</i> , 2014, 59, S325-S330.	2.9	56
16	Nonspecific Effects of Oral Polio Vaccine on Diarrheal Burden and Etiology Among Bangladeshi Infants. <i>Clinical Infectious Diseases</i> , 2017, 65, 414-419.	2.9	54
17	Identification of Etiology-Specific Diarrhea Associated With Linear Growth Faltering in Bangladeshi Infants. <i>American Journal of Epidemiology</i> , 2018, 187, 2210-2218.	1.6	54
18	Prevalence and extent of heteroresistance by next generation sequencing of multidrug-resistant tuberculosis. <i>PLoS ONE</i> , 2017, 12, e0176522.	1.1	51

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19	Sensititre MycoTB Plate Compared to Bactec MGIT 960 for First- and Second-Line Antituberculosis Drug Susceptibility Testing in Tanzania: a Call To Operationalize MICs. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7104-7108.	1.4	48
20	Enteric dysfunction and other factors associated with attained size at 5 years: MAL-ED birth cohort study findings. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 131-138.	2.2	47
21	CD4+ and CD8+ T cell- and IL-17-mediated protection against <i>Entamoeba histolytica</i> induced by a recombinant vaccine. <i>Vaccine</i> , 2011, 29, 772-777.	1.7	46
22	Cryptosporidium and Giardia Infections in Children. <i>Pediatric Clinics of North America</i> , 2017, 64, 837-850.	0.9	37
23	Short report: asymptomatic <i>Cryptosporidium hominis</i> infection among human immunodeficiency virus-infected patients in Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 520-2.	0.6	31
24	Integrated Microfluidic Card with TaqMan Probes and High-Resolution Melt Analysis To Detect Tuberculosis Drug Resistance Mutations across 10 Genes. <i>MBio</i> , 2015, 6, e02273.	1.8	29
25	Direct Detection of <i>Shigella</i> in Stool Specimens by Use of a Metagenomic Approach. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	25
26	Pyrazinamide susceptibility testing of <i>Mycobacterium tuberculosis</i> by high resolution melt analysis. <i>Tuberculosis</i> , 2014, 94, 20-25.	0.8	24
27	Cycloserine Population Pharmacokinetics and Pharmacodynamics in Patients with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	24
28	Genotypic antimicrobial resistance assays for use on <i>E. coli</i> isolates and stool specimens. <i>PLoS ONE</i> , 2019, 14, e0216747.	1.1	21
29	Correlation Between Diarrhea Severity and Oocyst Count via Quantitative PCR or Fluorescence Microscopy in Experimental Cryptosporidiosis in Calves. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 45-49.	0.6	19
30	Molecular diagnosis of antimicrobial resistance in <i>Escherichia coli</i> . <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 207-217.	1.5	19
31	Real-Time PCR Using Mycobacteriophage DNA for Rapid Phenotypic Drug Susceptibility Results for <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2012, 50, 754-761.	1.8	18
32	Pyrazinamide Susceptibility and <i>pncA</i> Mutation Profiles of <i>Mycobacterium tuberculosis</i> among Multidrug-Resistant Tuberculosis Patients in Bangladesh. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	18
33	Molecular genotyping and quantitation assay for rotavirus surveillance. <i>Journal of Virological Methods</i> , 2015, 213, 157-163.	1.0	17
34	Early Life Interventions for Childhood Growth and Development in Tanzania (ELICIT): a protocol for a randomised factorial, double-blind, placebo-controlled trial of azithromycin, nitazoxanide and nicotinamide. <i>BMJ Open</i> , 2018, 8, e021817.	0.8	17
35	Antimicrobial Resistance in Swine Fecal Specimens Across Different Farm Management Systems. <i>Frontiers in Microbiology</i> , 2020, 11, 1238.	1.5	17
36	Development of a TaqMan Array Card for Pneumococcal Serotyping on Isolates and Nasopharyngeal Samples. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1842-1850.	1.8	16

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37	Kinetics of Poliovirus Shedding following Oral Vaccination as Measured by Quantitative Reverse Transcription-PCR versus Culture. <i>Journal of Clinical Microbiology</i> , 2015, 53, 206-211.	1.8	15
38	Fluoroquinolones in Drug-Resistant Tuberculosis: Culture Conversion and Pharmacokinetic/Pharmacodynamic Target Attainment To Guide Dose Selection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	15
39	Etiology of Pediatric Meningitis in West Africa Using Molecular Methods in the Era of Conjugate Vaccines against Pneumococcus, Meningococcus, and Haemophilus influenzae Type b. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 696-703.	0.6	15
40	Pathogens That Cause Acute Febrile Illness Among Children and Adolescents in Burkina Faso, Madagascar, and Sudan. <i>Clinical Infectious Diseases</i> , 2021, 73, 1338-1345.	2.9	14
41	Seasonal Food Insecurity in Haydom, Tanzania, Is Associated with Low Birthweight and Acute Malnutrition: Results from the MAL-ED Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 681-687.	0.6	14
42	<i>eis</i> Promoter C14G and C15G Mutations Do Not Confer Kanamycin Resistance in Mycobacterium tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7522-7523.	1.4	13
43	The Malaria TaqMan Array Card Includes 87 Assays for Plasmodium falciparum Drug Resistance, Identification of Species, and Genotyping in a Single Reaction. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	13
44	Clofazimine for treatment of multidrug-resistant non-tuberculous mycobacteria. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021, 70, 102058.	1.1	12
45	Interactions between fecal gut microbiome, enteric pathogens, and energy regulating hormones among acutely malnourished rural Gambian children. <i>EBioMedicine</i> , 2021, 73, 103644.	2.7	12
46	Performance of TaqMan array card to detect TB drug resistance on direct specimens. <i>PLoS ONE</i> , 2017, 12, e0177167.	1.1	11
47	Technology in global health: the need for essential diagnostics. <i>Lancet, The</i> , 2008, 372, 873-874.	6.3	10
48	Effect of scheduled antimicrobial and nicotinamide treatment on linear growth in children in rural Tanzania: A factorial randomized, double-blind, placebo-controlled trial. <i>PLoS Medicine</i> , 2021, 18, e1003617.	3.9	10
49	Giardia/Cryptosporidium QUIK CHEK Assay Is More Specific Than Quantitative Polymerase Chain Reaction for Rapid Point-of-care Diagnosis of Cryptosporidiosis in Infants in Bangladesh. <i>Clinical Infectious Diseases</i> , 2018, 67, 1897-1903.	2.9	7
50	Baseline Characteristics of Study Participants in the Early Life Interventions for Childhood Growth and Development in Tanzania (ELICIT) Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1397-1404.	0.6	7
51	Drug-Susceptible and Multidrug-Resistant Mycobacterium tuberculosis in a Single Patient. <i>Emerging Infectious Diseases</i> , 2019, 25, 2120-2121.	2.0	6
52	Ethionamide Population Pharmacokinetic Model and Target Attainment in Multidrug-Resistant Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	6
53	Longitudinal Assessment of Antibiotic Resistance in Fecal Escherichia coli in Tanzanian Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1110-1114.	0.6	6
54	Use of molecular methods to detect Shigella and infer phenotypic resistance in a Shigella treatment study.. <i>Journal of Clinical Microbiology</i> , 2021, , JCM0177421.	1.8	6

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55	Evaluation of cytokines in peripheral blood mononuclear cell supernatants for the diagnosis of tuberculosis. <i>Journal of Inflammation Research</i> , 2019, Volume 12, 15-22.	1.6	4
56	Cognitive Outcomes at 18 Months: Findings from the Early Life Interventions for Childhood Growth and Development in Tanzania (ELICIT) Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 441-445.	0.6	3
57	Opportunities and challenges to accurate diagnosis and management of acute febrile illness in adults and adolescents: A review. <i>Acta Tropica</i> , 2022, 227, 106286.	0.9	2
58	Comparison and development of pyrazinamide susceptibility testing methods for tuberculosis in Thailand. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 83, 270-273.	0.8	1
59	The Childhood Acute Illness and Nutrition (CHAIN) network nested case-cohort study protocol: a multi-omics approach to understanding mortality among children in sub-Saharan Africa and South Asia. <i>Gates Open Research</i> , 0, 6, 77.	2.0	1