

# Ryan E Wiegand

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

3,899  
citations

117625

34  
h-index

149698

56  
g-index

111  
all docs

111  
docs citations

111  
times ranked

5633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cruise Ship Travel in the Era of Coronavirus Disease 2019 (COVID-19): A Summary of Outbreaks and a Model of Public Health Interventions. <i>Clinical Infectious Diseases</i> , 2022, 74, 490-497.	5.8	14
2	Positive-case follow up for lymphatic filariasis after a transmission assessment survey in Haiti. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010231.	3.0	3
3	Impact of Community-Based Mass Testing and Treatment on Malaria Infection Prevalence in a High-Transmission Area of Western Kenya: A Cluster Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2021, 72, 1927-1935.	5.8	24
4	Mass testing and treatment on malaria in an area of western Kenya. <i>Clinical Infectious Diseases</i> , 2021, 72, 1103-1104.	5.8	1
5	School-Based Serosurveys to Assess the Validity of Using Routine Health Facility Data to Target Malaria Interventions in the Central Highlands of Madagascar. <i>Journal of Infectious Diseases</i> , 2021, 223, 995-1004.	4.0	3
6	Use of a Tablet-Based System to Perform Abdominal Ultrasounds in a Field Investigation of Schistosomiasis-Related Morbidity in Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	1.4	6
7	Investigation of Dracunculiasis Transmission among Humans, Chad, 2013–2017. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 724-730.	1.4	3
8	Estimated SARS-CoV-2 Seroprevalence in the US as of September 2020. <i>JAMA Internal Medicine</i> , 2021, 181, 450.	5.1	273
9	Correlates of Variation in Guinea Worm Burden among Infected Domestic Dogs. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1418-1424.	1.4	7
10	Control and Elimination of Schistosomiasis as a Public Health Problem: Thresholds Fail to Differentiate Schistosomiasis Morbidity Prevalence in Children. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab179.	0.9	7
11	Associations between infection intensity categories and morbidity prevalence in school-age children are much stronger for <i>Schistosoma haematobium</i> than for <i>S. mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009444.	3.0	14
12	Urogenital schistosomiasis infection prevalence targets to determine elimination as a public health problem based on microhematuria prevalence in school-age children. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009451.	3.0	5
13	Development of a Multiplex Bead Assay to Detect Immunoglobulin G Antibodies to <i>Babesia duncani</i> in Human Serum. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0045821.	3.9	2
14	Safety, immunogenicity and efficacy of PfSPZ Vaccine against malaria in infants in western Kenya: a double-blind, randomized, placebo-controlled phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 1636-1645.	30.7	47
15	Evaluation of the Point-of-Care Circulating Cathodic Antigen Assay for Monitoring Mass Drug Administration in a <i>Schistosoma mansoni</i> Control Program in Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	1.4	5
16	Safety, Tolerability, and Immunogenicity of <i>Plasmodium falciparum</i> Sporozoite Vaccine Administered by Direct Venous Inoculation to Infants and Young Children: Findings From an Age De-escalation, Dose-Escalation, Double-blind, Randomized Controlled Study in Western Kenya. <i>Clinical Infectious Diseases</i> , 2020, 71, 1063-1071.	5.8	25
17	Low prevalence of viable <i>Toxoplasma gondii</i> in fresh, unfrozen, American pasture-raised pork and lamb from retail meat stores in the United States. <i>Food Control</i> , 2020, 109, 106961.	5.5	8
18	Attrition, physical integrity and insecticidal activity of long-lasting insecticidal nets in sub-Saharan Africa and modelling of their impact on vectorial capacity. <i>Malaria Journal</i> , 2020, 19, 310.	2.3	34

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19	Safety and efficacy of co-administered diethylcarbamazine, albendazole and ivermectin during mass drug administration for lymphatic filariasis in Haiti: Results from a two-armed, open-label, cluster-randomized, community study. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008298.	3.0	21
20	The effectiveness of older insecticide-treated bed nets (ITNs) to prevent malaria infection in an area of moderate pyrethroid resistance: results from a cohort study in Malawi. <i>Malaria Journal</i> , 2020, 19, 24.	2.3	22
21	Update: Characteristics of Health Care Personnel with COVID-19 – United States, February 12–July 16, 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1364-1368.	15.1	132
22	Comparison of School-Based and Community-Wide Mass Drug Administration for Schistosomiasis Control in an Area of Western Kenya with High Initial <i>Schistosoma mansoni</i> Infection Prevalence: A Cluster Randomized Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 318-327.	1.4	14
23	Discovering, Defining, and Summarizing Persistent Hotspots in SCORE Studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 24-29.	1.4	22
24	Impact of Different Mass Drug Administration Strategies for Gaining and Sustaining Control of <i>Schistosoma mansoni</i> and <i>Schistosoma haematobium</i> Infection in Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 14-23.	1.4	42
25	SCORE Studies on the Impact of Drug Treatment on Morbidity due to <i>Schistosoma mansoni</i> and <i>Schistosoma haematobium</i> Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 30-35.	1.4	12
26	Challenges in Protocol Development and Interpretation of the Schistosomiasis Consortium for Operational Research and Evaluation Intervention Studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 36-41.	1.4	4
27	The relationship between insecticide resistance, mosquito age and malaria prevalence in <i>Anopheles gambiae</i> s.l. from Guinea. <i>Scientific Reports</i> , 2019, 9, 8846.	3.3	47
28	Inappropriate use of antibiotics for childhood diarrhea case management – Kenya, 2009–2016. <i>BMC Public Health</i> , 2019, 19, 468.	2.9	28
29	Evaluation of toxicity of clothianidin (neonicotinoid) and chlorfenapyr (pyrrole) insecticides and cross-resistance to other public health insecticides in <i>Anopheles arabiensis</i> from Ethiopia. <i>Malaria Journal</i> , 2019, 18, 49.	2.3	38
30	Five-Year Impact of Different Multi-Year Mass Drug Administration Strategies on Childhood <i>Schistosoma mansoni</i> –Associated Morbidity: A Combined Analysis from the Schistosomiasis Consortium for Operational Research and Evaluation Cohort Studies in the Lake Victoria Regions of Kenya and Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 1336-1344.	1.4	14
31	Latent class modeling to compare testing platforms for detection of antibodies against the <i>Chlamydia trachomatis</i> antigen Pgp3. <i>Scientific Reports</i> , 2018, 8, 4232.	3.3	17
32	Seroprevalence of Antibodies to <i>Toxocara</i> Species in the United States and Associated Risk Factors, 2011–2014. <i>Clinical Infectious Diseases</i> , 2018, 66, 206-212.	5.8	41
33	Molecular detection of <i>Cyclospora cayetanensis</i> in human stool specimens using UNEX-based DNA extraction and real-time PCR. <i>Parasitology</i> , 2018, 145, 865-870.	1.5	26
34	Comparing pharmacologic measures of tenofovir exposure in a U.S. pre-exposure prophylaxis randomized trial. <i>PLoS ONE</i> , 2018, 13, e0190118.	2.5	18
35	Comparison of antigen and antibody responses in repeat lymphatic filariasis transmission assessment surveys in American Samoa. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006347.	3.0	26
36	Impact of Ivermectin Mass Drug Administration for Lymphatic Filariasis on Scabies in Eight Villages in Kongwa District, Tanzania. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 937-939.	1.4	20

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37	Schistosoma mansoni Mass Drug Administration Regimens and Their Effect on Morbidity among Schoolchildren over a 5-Year Periodâ€”Kenya, 2010â€”2015. American Journal of Tropical Medicine and Hygiene, 2018, 99, 362-369.	1.4	17
38	Relative Contribution of Schistosomiasis and Malaria to Anemia in Western Kenya. American Journal of Tropical Medicine and Hygiene, 2018, 99, 713-715.	1.4	9
39	Evaluation of an OV-16 IgG4 Enzyme-Linked Immunosorbent Assay in Humans and Its Application to Determine the Dynamics of Antibody Responses in a Non-Human Primate Model of Onchocerca volvulus Infection. American Journal of Tropical Medicine and Hygiene, 2018, 99, 1041-1048.	1.4	13
40	Detection of Immunoglobulin G Antibodies to Taenia solium Cysticercosis Antigen Glutathione-S-Transferaseâ€”rt24H in Malian Children Using Multiplex Bead Assay. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1408-1412.	1.4	4
41	Effectiveness of insecticide-treated bednets in malaria prevention in Haiti: a case-control study. The Lancet Global Health, 2017, 5, e96-e103.	6.3	39
42	A Persistent Hotspot of Schistosoma mansoni Infection in a Five-Year Randomized Trial of Praziquantel Preventative Chemotherapy Strategies. Journal of Infectious Diseases, 2017, 216, 1425-1433.	4.0	72
43	Detecting infection hotspots: Modeling the surveillance challenge for elimination of lymphatic filariasis. PLoS Neglected Tropical Diseases, 2017, 11, e0005610.	3.0	21
44	Cluster randomized trial comparing school-based mass drug administration schedules in areas of western Kenya with moderate initial prevalence of Schistosoma mansoni infections. PLoS Neglected Tropical Diseases, 2017, 11, e0006033.	3.0	20
45	Characterizing Reactivity to Onchocerca volvulus Antigens in Multiplex Bead Assays. American Journal of Tropical Medicine and Hygiene, 2017, 97, 666-672.	1.4	7
46	Multiplex Serologic Assessment of Schistosomiasis in Western Kenya: Antibody Responses in Preschool Aged Children as a Measure of Reduced Transmission. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1460-1467.	1.4	18
47	Evaluation of Onchocerciasis Transmission in Tanzania: Preliminary Rapid Field Results in the Tukuyu Focus, 2015. American Journal of Tropical Medicine and Hygiene, 2017, 97, 673-676.	1.4	4
48	Comparison of Platforms for Testing Antibody Responses against the Chlamydia trachomatis Antigen Pgp3. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1662-1668.	1.4	29
49	Evaluating the Burden of Lymphedema Due to Lymphatic Filariasis in 2005 in Khurda District, Odisha State, India. PLoS Neglected Tropical Diseases, 2016, 10, e0004917.	3.0	10
50	A Cross-Sectional Study of Water, Sanitation, and Hygiene-Related Risk Factors for Soil-Transmitted Helminth Infection in Urban School- and Preschool-Aged Children in Kibera, Nairobi. PLoS ONE, 2016, 11, e0150744.	2.5	52
51	Assessment of submicroscopic infections and gametocyte carriage of Plasmodium falciparum during peak malaria transmission season in a community-based cross-sectional survey in western Kenya, 2012. Malaria Journal, 2016, 15, 421.	2.3	46
52	Comparison of models for analyzing two-group, cross-sectional data with a Gaussian outcome subject to a detection limit. Statistical Methods in Medical Research, 2016, 25, 2733-2749.	1.5	11
53	Impact of two rounds of praziquantel mass drug administration on Schistosoma mansoni infection prevalence and intensity: a comparison between community wide treatment and school based treatment in western Kenya. International Journal for Parasitology, 2016, 46, 439-445.	3.1	32
54	Impact of Sulfadoxine-Pyrimethamine Resistance on Effectiveness of Intermittent Preventive Therapy for Malaria in Pregnancy at Clearing Infections and Preventing Low Birth Weight. Clinical Infectious Diseases, 2016, 62, 323-333.	5.8	119

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55	The Effect of Indoor Residual Spraying on the Prevalence of Malaria Parasite Infection, Clinical Malaria and Anemia in an Area of Perennial Transmission and Moderate Coverage of Insecticide Treated Nets in Western Kenya. PLoS ONE, 2016, 11, e0145282.	2.5	39
56	Serological Measures of Trachoma Transmission Intensity. Scientific Reports, 2015, 5, 18532.	3.3	33
57	Multiple comparisons analysis of serological data from an area of low Plasmodium falciparum transmission. Malaria Journal, 2015, 14, 436.	2.3	39
58	Development of a Luminex Bead Based Assay for Diagnosis of Toxocariasis Using Recombinant Antigens Tc-CTL-1 and Tc-TES-26. PLoS Neglected Tropical Diseases, 2015, 9, e0004168.	3.0	36
59	In vivo efficacy of sulphadoxine-pyrimethamine for the treatment of asymptomatic parasitaemia in pregnant women in Machinga District, Malawi. Malaria Journal, 2015, 14, 197.	2.3	12
60	Predictive Value of School-Aged Children's Schistosomiasis Prevalence and Egg Intensity for Other Age Groups in Western Kenya. American Journal of Tropical Medicine and Hygiene, 2015, 93, 1311-1317.	1.4	13
61	Long-term immunologic and virologic responses on raltegravir-containing regimens among ART-experienced participants in the HIV Outpatient Study. HIV Clinical Trials, 2015, 16, 139-146.	2.0	8
62	The A581G Mutation in the Gene Encoding Plasmodium falciparum Dihydropteroate Synthetase Reduces the Effectiveness of Sulfadoxine-Pyrimethamine Preventive Therapy in Malawian Pregnant Women. Journal of Infectious Diseases, 2015, 211, 1997-2005.	4.0	81
63	A cohort study of the effectiveness of insecticide-treated bed nets to prevent malaria in an area of moderate pyrethroid resistance, Malawi. Malaria Journal, 2015, 14, 31.	2.3	80
64	An Evaluation of Statistical Methods for Analyzing Follow-Up Gaussian Laboratory Data with a Lower Quantification Limit. Journal of Biopharmaceutical Statistics, 2015, 25, 812-829.	0.8	1
65	Evaluation of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy: a retrospective birth outcomes study in Mansa, Zambia. Malaria Journal, 2015, 14, 69.	2.3	22
66	Morbidity Associated with Schistosomiasis Before and After Treatment in Young Children in Rusinga Island, Western Kenya. American Journal of Tropical Medicine and Hygiene, 2015, 92, 952-958.	1.4	17
67	In Vitro and Molecular Surveillance for Antimalarial Drug Resistance in Plasmodium falciparum Parasites in Western Kenya Reveals Sustained Artemisinin Sensitivity and Increased Chloroquine Sensitivity. Antimicrobial Agents and Chemotherapy, 2015, 59, 7540-7547.	3.2	25
68	Prevalence of Malaria Parasitemia and Purchase of Artemisinin-Based Combination Therapies (ACTs) among Drug Shop Clients in Two Regions in Tanzania with ACT Subsidies. PLoS ONE, 2014, 9, e94074.	2.5	29
69	Longitudinal analysis of antibody responses to trachoma antigens before and after mass drug administration. BMC Infectious Diseases, 2014, 14, 216.	2.9	42
70	Pooled PCR testing strategy and prevalence estimation of submicroscopic infections using Bayesian latent class models in pregnant women receiving intermittent preventive treatment at Machinga District Hospital, Malawi, 2010. Malaria Journal, 2014, 13, 509.	2.3	19
71	Soil-Transmitted Helminths in Pre-School-Aged and School-Aged Children in an Urban Slum: A Cross-Sectional Study of Prevalence, Distribution, and Associated Exposures. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1002-1010.	1.4	44
72	Reply to Shaz et al. Clinical Infectious Diseases, 2014, 58, 303-304.	5.8	1

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73	Engagement in HIV Care Among HIV-Positive Men Who Have Sex with Men From 21 Cities in the United States. <i>AIDS and Behavior</i> , 2014, 18, 348-358.	2.7	26
74	Prevalence and Outcomes of Recycling NNRTIs Despite Documented NNRTI Resistance in HIV-Infected Children and Youth. <i>AIDS Patient Care and STDs</i> , 2014, 28, 10-14.	2.5	1
75	Soil-Transmitted Helminth Infection and Nutritional Status Among Urban Slum Children in Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 299-305.	1.4	45
76	Efficacy of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy, Mansa, Zambia. <i>Malaria Journal</i> , 2014, 13, 227.	2.3	23
77	The Effect of Indoor Residual Spraying on Malaria and Anemia in a High-Transmission Area of Northern Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 855-861.	1.4	50
78	Epidemiology of and Impact of Insecticide Spraying on Chagas Disease in Communities in the Bolivian Chaco. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2358.	3.0	84
79	Effectiveness of Intermittent Preventive Treatment With Sulfadoxine-Pyrimethamine During Pregnancy on Maternal and Birth Outcomes in Machinga District, Malawi. <i>Journal of Infectious Diseases</i> , 2013, 208, 907-916.	4.0	47
80	Exchange Transfusion for Severe Malaria: Evidence Base and Literature Review. <i>Clinical Infectious Diseases</i> , 2013, 57, 923-928.	5.8	63
81	Use of Nucleoside Reverse Transcriptase Inhibitor-only Regimens in HIV-infected Children and Adolescents. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, e370-e376.	2.0	1
82	Use of Geospatial Modeling to Predict <i>Schistosoma mansoni</i> Prevalence in Nyanza Province, Kenya. <i>PLoS ONE</i> , 2013, 8, e71635.	2.5	32
83	HIV Infection and Testing among Latino Men Who Have Sex with Men in the United States: The Role of Location of Birth and Other Social Determinants. <i>PLoS ONE</i> , 2013, 8, e73779.	2.5	51
84	<i>Schistosoma mansoni</i> Morbidity among School-Aged Children: A SCORE Project in Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 874-882.	1.4	41
85	Association Between HIV-Related Risk Behaviors and HIV Testing Among High School Students in the United States, 2009. <i>JAMA Pediatrics</i> , 2012, 166, 331.	3.0	32
86	Ignoring the group in group-level HIV/AIDS intervention trials: a review of reported design and analytic methods. <i>Aids</i> , 2011, 25, 989-996.	2.2	13
87	Understanding disparities in HIV infection between black and white MSM in the United States. <i>Aids</i> , 2011, 25, 1103-1112.	2.2	153
88	Reply to "Evaluation of sexual networks as a cause for disparate HIV prevalence between blacks and whites." <i>Aids</i> , 2011, 25, 1934-1936.	2.2	0
89	Reply to comments on "performance of using multiple stepwise algorithms for variable selection"™. <i>Statistics in Medicine</i> , 2011, 30, 894-896.	1.6	0
90	Making HIV Prevention Programming Count: Identifying Predictors of Success in a Parent-Based HIV Prevention Program for Youth. <i>AIDS Education and Prevention</i> , 2011, 23, 38-53.	1.1	12

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91	Associations of Medically Documented Psychiatric Diagnoses and Risky Health Behaviors in Highly Active Antiretroviral Therapy-Experienced Perinatally HIV-Infected Youth. <i>AIDS Patient Care and STDs</i> , 2011, 25, 493-501.	2.5	39
92	Factors Associated with Toothache Among African American Adolescents Living in Rural South Carolina. <i>Social Work in Public Health</i> , 2011, 26, 695-707.	1.4	8
93	Circumcision status and HIV infection among MSM: reanalysis of a Phase III HIV vaccine clinical trial. <i>Aids</i> , 2010, 24, 1135-1143.	2.2	27
94	Performance of using multiple stepwise algorithms for variable selection. <i>Statistics in Medicine</i> , 2010, 29, 1647-1659.	1.6	49
95	An Intervention to Reduce HIV Risk Behavior of Substance-Using Men Who Have Sex with Men: A Two-Group Randomized Trial with a Nonrandomized Third Group. <i>PLoS Medicine</i> , 2010, 7, e1000329.	8.4	74
96	HIV Testing Outside of the Study Among Men Who Have Sex With Men Participating in an HIV Vaccine Efficacy Trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009, 52, 294-298.	2.1	5
97	Barriers and Facilitators to Maternal Communication with Preadolescents about Age-Relevant Sexual Topics. <i>AIDS and Behavior</i> , 2009, 13, 365-374.	2.7	78
98	Periodontal Disease Status in Gullah African Americans With Type 2 Diabetes Living in South Carolina. <i>Journal of Periodontology</i> , 2009, 80, 1062-1068.	3.4	71
99	Huntington disease as a dual diagnosis disorder: Data from the national research roster for Huntington disease patients and families. <i>Drug and Alcohol Dependence</i> , 2007, 86, 283-286.	3.2	18
100	Open-Label Atomoxetine for Attention-Deficit/ Hyperactivity Disorder Symptoms Associated with High-Functioning Pervasive Developmental Disorders. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2006, 16, 599-610.	1.3	112
101	Study Design for Calibration of Clinical Examiners Measuring Periodontal Parameters. <i>Journal of Periodontology</i> , 2006, 77, 1129-1141.	3.4	42
102	Patterns of Regional Brain Activity in Alcohol-Dependent Subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1986-1991.	2.4	21
103	A Pilot Study of d-Cycloserine in Subjects With Autistic Disorder. <i>American Journal of Psychiatry</i> , 2004, 161, 2115-2117.	7.2	180
104	A Family Study of Alcohol Dependence. <i>Archives of General Psychiatry</i> , 2004, 61, 1246.	12.3	233
105	A Naturalistic Retrospective Analysis of Psychostimulants in Pervasive Developmental Disorders. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2004, 14, 49-56.	1.3	90
106	Morphologic study of three collagen materials for body wall repair. <i>Journal of Surgical Research</i> , 2004, 118, 161-175.	1.6	68