

# Ryan E Wiegand

## List of Publications by Year in descending order

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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	Estimated SARS-CoV-2 Seroprevalence in the US as of September 2020. <i>JAMA Internal Medicine</i> , 2021, 181, 450.	5.1	273
2	A Family Study of Alcohol Dependence. <i>Archives of General Psychiatry</i> , 2004, 61, 1246.	12.3	233
3	A Pilot Study of Cycloserine in Subjects With Autistic Disorder. <i>American Journal of Psychiatry</i> , 2004, 161, 2115-2117.	7.2	180
4	Understanding disparities in HIV infection between black and white MSM in the United States. <i>Aids</i> , 2011, 25, 1103-1112.	2.2	153
5	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
6	Impact of Sulfadoxine-Pyrimethamine Resistance on Effectiveness of Intermittent Preventive Therapy for Malaria in Pregnancy at Clearing Infections and Preventing Low Birth Weight. <i>Clinical Infectious Diseases</i> , 2016, 62, 323-333.	5.8	119
7	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
8	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
9	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
10	The A581G Mutation in the Gene Encoding Plasmodium falciparum Dihydropteroate Synthetase Reduces the Effectiveness of Sulfadoxine-Pyrimethamine Preventive Therapy in Malawian Pregnant Women. <i>Journal of Infectious Diseases</i> , 2015, 211, 1997-2005.	4.0	81
11	A cohort study of the effectiveness of insecticide-treated bed nets to prevent malaria in an area of moderate pyrethroid resistance, Malawi. <i>Malaria Journal</i> , 2015, 14, 31.	2.3	80
12	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
13	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
14	A Persistent Hotspot of Schistosoma mansoni Infection in a Five-Year Randomized Trial of Praziquantel Preventative Chemotherapy Strategies. <i>Journal of Infectious Diseases</i> , 2017, 216, 1425-1433.	4.0	72
15	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
16	Morphologic study of three collagen materials for body wall repair. <i>Journal of Surgical Research</i> , 2004, 118, 161-175.	1.6	68
17	Exchange Transfusion for Severe Malaria: Evidence Base and Literature Review. <i>Clinical Infectious Diseases</i> , 2013, 57, 923-928.	5.8	63
18	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. <i>PLoS ONE</i> , 2016, 11, e0150744.	2.5	52

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19	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. PLoS ONE, 2013, 8, e73779.	2.5	51
20	The Effect of Indoor Residual Spraying on Malaria and Anemia in a High-Transmission Area of Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2013, 88, 855-861.	1.4	50
21	Performance of using multiple stepwise algorithms for variable selection. Statistics in Medicine, 2010, 29, 1647-1659.	1.6	49
22	Effectiveness of Intermittent Preventive Treatment With Sulfadoxine-Pyrimethamine During Pregnancy on Maternal and Birth Outcomes in Machinga District, Malawi. Journal of Infectious Diseases, 2013, 208, 907-916.	4.0	47
23	The relationship between insecticide resistance, mosquito age and malaria prevalence in Anopheles gambiae s.l. from Guinea. Scientific Reports, 2019, 9, 8846.	3.3	47
24	Safety, immunogenicity and efficacy of PfSPZ Vaccine against malaria in infants in western Kenya: a double-blind, randomized, placebo-controlled phase 2 trial. Nature Medicine, 2021, 27, 1636-1645.	30.7	47
25	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
26	Soil-Transmitted Helminth Infection and Nutritional Status Among Urban Slum Children in Kenya. American Journal of Tropical Medicine and Hygiene, 2014, 90, 299-305.	1.4	45
27	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
28	Study Design for Calibration of Clinical Examiners Measuring Periodontal Parameters. Journal of Periodontology, 2006, 77, 1129-1141.	3.4	42
29	Longitudinal analysis of antibody responses to trachoma antigens before and after mass drug administration. BMC Infectious Diseases, 2014, 14, 216.	2.9	42
30	Impact of Different Mass Drug Administration Strategies for Gaining and Sustaining Control of Schistosoma mansoni and Schistosoma haematobium Infection in Africa. American Journal of Tropical Medicine and Hygiene, 2020, 103, 14-23.	1.4	42
31	Schistosoma mansoni Morbidity among School-Aged Children: A SCORE Project in Kenya. American Journal of Tropical Medicine and Hygiene, 2012, 87, 874-882.	1.4	41
32	Seroprevalence of Antibodies to Toxocara Species in the United States and Associated Risk Factors, 2011-2014. Clinical Infectious Diseases, 2018, 66, 206-212.	5.8	41
33	Associations of Medically Documented Psychiatric Diagnoses and Risky Health Behaviors in Highly Active Antiretroviral Therapy-Experienced Perinatally HIV-Infected Youth. AIDS Patient Care and STDs, 2011, 25, 493-501.	2.5	39
34	Multiple comparisons analysis of serological data from an area of low Plasmodium falciparum transmission. Malaria Journal, 2015, 14, 436.	2.3	39
35	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
36	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

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37	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
38	Development of a Luminex Bead Based Assay for Diagnosis of Toxocariasis Using Recombinant Antigens Tc-CTL-1 and Tc-TES-26. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004168.	3.0	36
39	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
40	Serological Measures of Trachoma Transmission Intensity. <i>Scientific Reports</i> , 2015, 5, 18532.	3.3	33
41	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
42	Impact of two rounds of praziquantel mass drug administration on <i>Schistosoma mansoni</i> infection prevalence and intensity: a comparison between community wide treatment and school based treatment in western Kenya. <i>International Journal for Parasitology</i> , 2016, 46, 439-445.	3.1	32
43	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
44	Prevalence of Malaria Parasitemia and Purchase of Artemisinin-Based Combination Therapies (ACTs) among Drug Shop Clients in Two Regions in Tanzania with ACT Subsidies. <i>PLoS ONE</i> , 2014, 9, e94074.	2.5	29
45	Comparison of Platforms for Testing Antibody Responses against the <i>Chlamydia trachomatis</i> Antigen Pgp3. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1662-1668.	1.4	29
46	Inappropriate use of antibiotics for childhood diarrhea case management â€” Kenya, 2009â€”2016. <i>BMC Public Health</i> , 2019, 19, 468.	2.9	28
47	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
48	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
49	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
50	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
51	<i>In Vitro</i> and Molecular Surveillance for Antimalarial Drug Resistance in <i>Plasmodium falciparum</i> Parasites in Western Kenya Reveals Sustained Artemisinin Sensitivity and Increased Chloroquine Sensitivity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7540-7547.	3.2	25
52	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
53	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
54	Efficacy of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy, Mansa, Zambia. <i>Malaria Journal</i> , 2014, 13, 227.	2.3	23

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55	Evaluation of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy: a retrospective birth outcomes study in Mansa, Zambia. <i>Malaria Journal</i> , 2015, 14, 69.	2.3	22
56	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
57	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
58	Patterns of Regional Brain Activity in Alcohol-Dependent Subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1986-1991.	2.4	21
59	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
60	Detecting infection hotspots: Modeling the surveillance challenge for elimination of lymphatic filariasis. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005610.	3.0	21
61	Cluster randomized trial comparing school-based mass drug administration schedules in areas of western Kenya with moderate initial prevalence of <i>Schistosoma mansoni</i> infections. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006033.	3.0	20
62	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
63	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. <i>Malaria Journal</i> , 2014, 13, 509.	2.3	19
64	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
65	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
66	Multiplex Serologic Assessment of Schistosomiasis in Western Kenya: Antibody Responses in Preschool Aged Children as a Measure of Reduced Transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1460-1467.	1.4	18
67	Morbidity Associated with Schistosomiasis Before and After Treatment in Young Children in Rusinga Island, Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 952-958.	1.4	17
68	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
69	<i>Schistosoma mansoni</i> Mass Drug Administration Regimens and Their Effect on Morbidity among Schoolchildren over a 5-Year Period—Kenya, 2010–2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 362-369.	1.4	17
70	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
71	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
72	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

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73	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
74	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
75	Predictive Value of School-Aged Children's Schistosomiasis Prevalence and Egg Intensity for Other Age Groups in Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 1311-1317.	1.4	13
76	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 <i>Onchocerca volvulus</i> Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 1041-1048.	1.4	13
77	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
78	In vivo efficacy of sulphadoxine-pyrimethamine for the treatment of asymptomatic parasitaemia in pregnant women in Machinga District, Malawi. <i>Malaria Journal</i> , 2015, 14, 197.	2.3	12
79	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
80	Comparison of models for analyzing two-group, cross-sectional data with a Gaussian outcome subject to a detection limit. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2733-2749.	1.5	11
81	Evaluating the Burden of Lymphedema Due to Lymphatic Filariasis in 2005 in Khurda District, Odisha State, India. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004917.	3.0	10
82	Relative Contribution of Schistosomiasis and Malaria to Anemia in Western Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 713-715.	1.4	9
83	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
84	Long-term immunologic and virologic responses on raltegravir-containing regimens among ART-experienced participants in the HIV Outpatient Study. <i>HIV Clinical Trials</i> , 2015, 16, 139-146.	2.0	8
85	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
86	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
87	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
88	Characterizing Reactivity to <i>Onchocerca volvulus</i> Antigens in Multiplex Bead Assays. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 666-672.	1.4	7
89	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
90	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

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91	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
92	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
93	Evaluation of Onchocerciasis Transmission in Tanzania: Preliminary Rapid Field Results in the Tukuyu Focus, 2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 673-676.	1.4	4
94	Detection of Immunoglobulin G Antibodies to <i>Taenia solium</i> Cysticercosis Antigen Glutathione-S-Transferase <sup>rt24H</sup> in Malian Children Using Multiplex Bead Assay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1408-1412.	1.4	4
95	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
96	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
97	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
98	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
99	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
100	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
101	Reply to Shaz et al. <i>Clinical Infectious Diseases</i> , 2014, 58, 303-304.	5.8	1
102	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
103	An Evaluation of Statistical Methods for Analyzing Follow-Up Gaussian Laboratory Data with a Lower Quantification Limit. <i>Journal of Biopharmaceutical Statistics</i> , 2015, 25, 812-829.	0.8	1
104	Mass testing and treatment on malaria in an area of western Kenya. <i>Clinical Infectious Diseases</i> , 2021, 72, 1103-1104.	5.8	1
105	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
106	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