

# Joseph W Hogan

## List of Publications by Year in descending order

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Version: 2024-02-01

123  
papers

6,472  
citations

94433

37  
h-index

74163

75  
g-index

127  
all docs

127  
docs citations

127  
times ranked

9580  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prevention and Treatment of Missing Data in Clinical Trials. <i>New England Journal of Medicine</i> , 2012, 367, 1355-1360.	27.0	1,141
2	Handling drop-out in longitudinal studies. <i>Statistics in Medicine</i> , 2004, 23, 1455-1497.	1.6	360
3	Publication Bias in Editorial Decision Making. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 2825.	7.4	313
4	MIXTURE MODELS FOR THE JOINT DISTRIBUTION OF REPEATED MEASURES AND EVENT TIMES. , 1997, 16, 239-257.		280
5	New Guidelines for Statistical Reporting in the <i>Journal</i> . <i>New England Journal of Medicine</i> , 2019, 381, 285-286.	27.0	233
6	MODEL-BASED APPROACHES TO ANALYSING INCOMPLETE LONGITUDINAL AND FAILURE TIME DATA. <i>Statistics in Medicine</i> , 1997, 16, 259-272.	1.6	205
7	Association between Bacterial Vaginosis and Expression of Human Immunodeficiency Virus Type 1 RNA in the Female Genital Tract. <i>Clinical Infectious Diseases</i> , 2001, 33, 894-896.	5.8	169
8	A problem-solving approach to stress reduction among younger women with breast carcinoma. <i>Cancer</i> , 2002, 94, 3089-3100.	4.1	139
9	Framework for the treatment and reporting of missing data in observational studies: The Treatment And Reporting of Missing data in Observational Studies framework. <i>Journal of Clinical Epidemiology</i> , 2021, 134, 79-88.	5.0	133
10	Instrumental variables and inverse probability weighting for causal inference from longitudinal observational studies. <i>Statistical Methods in Medical Research</i> , 2004, 13, 17-48.	1.5	130
11	The efficacy of moderate-intensity exercise as an aid for smoking cessation in women: A randomized controlled trial. <i>Nicotine and Tobacco Research</i> , 2005, 7, 871-880.	2.6	128
12	Covid-19 Vaccine Effectiveness and the Test-Negative Design. <i>New England Journal of Medicine</i> , 2021, 385, 1431-1433.	27.0	122
13	Misclassification of First-Line Antiretroviral Treatment Failure Based on Immunological Monitoring of HIV Infection in Resource-Limited Settings. <i>Clinical Infectious Diseases</i> , 2009, 49, 454-462.	5.8	118
14	Genital tract HIV-1 RNA shedding among women with below detectable plasma viral load. <i>Aids</i> , 2010, 24, 2489-2497.	2.2	109
15	Treatment outcomes of a stage 1 cognitive-behavioral trial to reduce alcohol use among human immunodeficiency virus-infected outpatients in western Kenya. <i>Addiction</i> , 2011, 106, 2156-2166.	3.3	104
16	Overweight and Human Immunodeficiency Virus (HIV) Progression in Women: Associations HIV Disease Progression and Changes in Body Mass Index in Women in the HIV Epidemiology Research Study Cohort. <i>Clinical Infectious Diseases</i> , 2003, 37, S69-S80.	5.8	103
17	Hypertension and Obesity as Cardiovascular Risk Factors among HIV Seropositive Patients in Western Kenya. <i>PLoS ONE</i> , 2011, 6, e22288.	2.5	99
18	Resilience and HIV: a review of the definition and study of resilience. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2018, 30, S6-S17.	1.2	95

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19	Prevalence, Incidence, and Persistence or Recurrence of Trichomoniasis among Human Immunodeficiency Virus (HIV)â€“Positive Women and among HIVâ€“Negative Women at High Risk for HIV Infection. <i>Clinical Infectious Diseases</i> , 2002, 34, 1406-1411.	5.8	94
20	Antiretroviral Drug Concentrations and HIV RNA in the Genital Tract of HIV-Infected Women Receiving Long-Term Highly Active Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2008, 46, 719-725.	5.8	82
21	The impact of hydrosalpinx on successful pregnancy in tubal factor infertility treated by in vitro fertilization. <i>Fertility and Sterility</i> , 1997, 67, 517-520.	1.0	81
22	A randomized clinical trial of community-based directly observed therapy as an adherence intervention for HAART among substance users. <i>Aids</i> , 2007, 21, 1473-1477.	2.2	78
23	Reparameterizing the Pattern Mixture Model for Sensitivity Analyses Under Informative Dropout. <i>Biometrics</i> , 2000, 56, 1241-1248.	1.4	70
24	Prenatal Factors for Childhood Blood Pressure Mediated by Intrauterine and/or Childhood Growth?. <i>Pediatrics</i> , 2011, 127, e713-e721.	2.1	67
25	What Distinguishes Weight-Loss Maintainers from the Treatment-Seeking Obese? Analysis of Environmental, Behavioral, and Psychosocial Variables in Diverse Populations. <i>Annals of Behavioral Medicine</i> , 2009, 38, 94-104.	2.9	62
26	Phylogenetic Investigation of a Statewide HIV-1 Epidemic Reveals Ongoing and Active Transmission Networks Among Men Who Have Sex With Men. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 70, 428-435.	2.1	61
27	Predictors of quitting and dropout among women in a clinic-based smoking cessation program.. <i>Psychology of Addictive Behaviors</i> , 2002, 16, 22-27.	2.1	60
28	Linkage to and engagement in HIV care in western Kenya: an observational study using population-based estimates from home-based counselling and testing. <i>Lancet HIV,the</i> , 2015, 2, e20-e26.	4.7	59
29	Step into Motion: A randomized trial examining the relative efficacy of Internet vs. print-based physical activity interventions. <i>Contemporary Clinical Trials</i> , 2007, 28, 737-747.	1.8	53
30	Standards should be applied in the prevention and handling of missing data for patient-centered outcomes research: a systematic review and expert consensus. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 15-32.	5.0	53
31	Association Between Paired Plasma and Cervicovaginal Lavage Fluid HIV-1 RNA Levels During 36 Months. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006, 42, 584-587.	2.1	51
32	Principal stratification with predictors of compliance for randomized trials with 2 active treatments. <i>Biostatistics</i> , 2008, 9, 277-289.	1.5	45
33	Impact of Domestic Care Environment on Trauma and Posttraumatic Stress Disorder among Orphans in Western Kenya. <i>PLoS ONE</i> , 2014, 9, e89937.	2.5	45
34	Community Health Workers Improve Linkage to Hypertension Care in Western Kenya. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1897-1906.	2.8	45
35	The Urgency of Care during the Covid-19 Pandemic â€” Learning as We Go. <i>New England Journal of Medicine</i> , 2020, 382, 2461-2462.	27.0	41
36	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies. <i>Journal of NeuroVirology</i> , 2011, 17, 368-379.	2.1	40

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37	Social and Economic Characteristics of Street Youth by Gender and Level of Street Involvement in Eldoret, Kenya. PLoS ONE, 2014, 9, e97587.	2.5	39
38	Treatment for Schistosoma japonicum, Reduction of Intestinal Parasite Load, and Cognitive Test Score Improvements in School-Aged Children. PLoS Neglected Tropical Diseases, 2012, 6, e1634.	3.0	38
39	Increasing efficiency from censored survival data by using random effects to model longitudinal covariates. Statistical Methods in Medical Research, 1998, 7, 28-48.	1.5	37
40	Changes in Total Lymphocyte Count as a Surrogate for Changes in CD4 Count Following Initiation of HAART: Implications for Monitoring in Resource-Limited Settings. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 36, 567-575.	2.1	37
41	Rationale, design, and baseline data for commit to quit ii: an evaluation of the efficacy of moderate-intensity physical activity as an aid to smoking cessation in women†. Preventive Medicine, 2003, 36, 479-492.	3.4	36
42	Mixtures of Varying Coefficient Models for Longitudinal Data with Discrete or Continuous Nonignorable Dropout. Biometrics, 2004, 60, 854-864.	1.4	36
43	Bayesian Inference for the Causal Effect of Mediation. Biometrics, 2012, 68, 1028-1036.	1.4	36
44	Predictors of quitting and dropout among women in a clinic-based smoking cessation program.. Psychology of Addictive Behaviors, 2002, 16, 22-27.	2.1	34
45	Continuity of Medical Care and Risk of Incarceration in HIV-Positive and High-Risk HIV-Negative Women. Journal of Women's Health, 2002, 11, 743-750.	3.3	33
46	Serum estradiol positively predicts outcomes in patients undergoing in vitro fertilization. Fertility and Sterility, 2004, 81, 1707-1709.	1.0	32
47	Association Between Placental Morphology and Childhood Systolic Blood Pressure. Hypertension, 2011, 57, 48-55.	2.7	32
48	Blood pressure level impacts risk of death among HIV seropositive adults in Kenya: a retrospective analysis of electronic health records. BMC Infectious Diseases, 2014, 14, 284.	2.9	32
49	Hierarchical logistic regression models for clustered binary outcomes in studies of IVF-ET. Fertility and Sterility, 2000, 73, 575-581.	1.0	31
50	Evaluating strategies to improve HIV care outcomes in Kenya: a modelling study. Lancet HIV, the, 2016, 3, e592-e600.	4.7	31
51	Sequence Quality Analysis Tool for HIV Type 1 Protease and Reverse Transcriptase. AIDS Research and Human Retroviruses, 2012, 28, 894-901.	1.1	30
52	Longitudinal study of the inception of perimenopause in relation to lifetime history of sexual or physical violence. Journal of Epidemiology and Community Health, 2004, 58, 938-943.	3.7	29
53	Strengthening biostatistics resources in sub-Saharan Africa: Research collaborations through U.S. partnerships. Statistics in Medicine, 2011, 30, 695-708.	1.6	29
54	Treatment failure and drug resistance in HIV-positive patients on tenofovir-based first-line antiretroviral therapy in western Kenya. Journal of the International AIDS Society, 2016, 19, 20798.	3.0	29

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55	Beyond binary retention in HIV care. <i>Aids</i> , 2018, 32, 2217-2225.	2.2	29
56	A clinician-nurse model to reduce early mortality and increase clinic retention among high-risk HIV-infected patients initiating combination antiretroviral treatment. <i>Journal of the International AIDS Society</i> , 2012, 15, 7.	3.0	28
57	HIV-1 second-line failure and drug resistance at high-level and low-level viremia in Western Kenya. <i>Aids</i> , 2018, 32, 2485-2496.	2.2	28
58	Long-term alcohol and caffeine intake and risk of sudden cardiac death in women. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1356-1363.	4.7	27
59	Time to Eliminate Health Care Disparities in the Estimation of Kidney Function. <i>New England Journal of Medicine</i> , 2021, 385, 1804-1806.	27.0	26
60	Causal Comparative Effectiveness Analysis of Dynamic Continuous-Time Treatment Initiation Rules With Sparsely Measured Outcomes and Death. <i>Biometrics</i> , 2019, 75, 695-707.	1.4	25
61	A hierarchical Bayesian approach to modeling embryo implantation following in vitro fertilization. <i>Biostatistics</i> , 2002, 3, 361-377.	1.5	24
62	Modeling the Causal Effect of Treatment Initiation Time on Survival: Application to HIV/TB Co-infection. <i>Biometrics</i> , 2018, 74, 703-713.	1.4	24
63	Viral suppression among children and their caregivers living with HIV in western Kenya. <i>Journal of the International AIDS Society</i> , 2019, 22, e25272.	3.0	23
64	The Association of Health Insurance with institutional delivery and access to skilled birth attendants: evidence from the Kenya Demographic and health survey 2008-09. <i>BMC Health Services Research</i> , 2017, 17, 454.	2.2	22
65	A Large, Simple Trial Leading to Complex Questions. <i>New England Journal of Medicine</i> , 2021, 384, 576-577.	27.0	22
66	White matter changes with age utilizing quantitative diffusion MRI. <i>Neurology</i> , 2014, 83, 247-252.	1.1	21
67	Estimating Causal Treatment Effects from Longitudinal HIV Natural History Studies Using Marginal Structural Models. <i>Biometrics</i> , 2003, 59, 152-162.	1.4	20
68	On the Prevention and Analysis of Missing Data in Randomized Clinical Trials: The State of the Art. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 80-84.	3.0	20
69	A state transition framework for patient-level modeling of engagement and retention in HIV care using longitudinal cohort data. <i>Statistics in Medicine</i> , 2018, 37, 302-319.	1.6	20
70	Bayesian methods for multiple mediators: Relating principal stratification and causal mediation in the analysis of power plant emission controls. <i>Annals of Applied Statistics</i> , 2019, 13, 1927-1956.	1.1	19
71	Are All Biases Missing Data Problems?. <i>Current Epidemiology Reports</i> , 2015, 2, 162-171.	2.4	18
72	Evaluating a patient-centred intervention to increase disclosure and promote resilience for children living with HIV in Kenya. <i>Aids</i> , 2019, 33, S93-S101.	2.2	18

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73	Seroprevalence of SARS-CoV-2 Antibodies in Rhode Island From a Statewide Random Sample. <i>American Journal of Public Health</i> , 2021, 111, 700-703.	2.7	17
74	Modeling the Impact of Social Determinants of Health on HIV. <i>AIDS and Behavior</i> , 2021, 25, 215-224.	2.7	17
75	Clinical and Immunologic Progression in HIV-Infected US Women Before and After the Introduction of Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003, 33, 614-624.	2.1	16
76	HIV diversity and drug resistance from plasma and non-plasma analytes in a large treatment programme in western Kenya. <i>Journal of the International AIDS Society</i> , 2014, 17, 19262.	3.0	16
77	Prevalence, incidence and chronicity of child abuse among orphaned, separated, and street-connected children and adolescents in western Kenya: What is the impact of care environment?. <i>Child Abuse and Neglect</i> , 2023, 139, 104920.	2.6	16
78	Hypertension Control and Retention in Care Among HIV-Infected Patients: The Effects of Co-located HIV and Chronic Noncommunicable Disease Care. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 399-406.	2.1	15
79	Factors Associated With Isolated Right Heart Failure in Women: A Pilot Study From Western Kenya. <i>Global Heart</i> , 2014, 9, 249.	2.3	15
80	Effects of social health insurance on access and utilization of obstetric health services: results from HIV+ pregnant women in Kenya. <i>BMC Public Health</i> , 2020, 20, 87.	2.9	15
81	Increased Muscularization of Small Pulmonary Arteries in Preterm Infants of Diabetic Mothers: A Morphometric Study in Noninflated, Noninjected, Routinely Fixed Lungs. <i>Pediatric Pathology &amp; Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1995, 15, 689-705.	0.3	14
82	A hierarchical modelling approach to analysing longitudinal data with drop-out and non-compliance, with application to an equivalence trial in paediatric acquired immune deficiency syndrome. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2002, 51, 1-21.	1.0	13
83	Lower syringe sharing and re-use after syringe legalization in Rhode Island. <i>Drug and Alcohol Dependence</i> , 2007, 89, 292-297.	3.2	13
84	Bringing Causal Models Into the Mainstream. <i>Epidemiology</i> , 2009, 20, 431-432.	2.7	13
85	Global analysis of sequence diversity within HIV-1 subtypes across geographic regions. <i>Future Virology</i> , 2012, 7, 505-517.	1.8	13
86	Evaluating the Population Impact on Racial/Ethnic Disparities in HIV in Adulthood of Intervening on Specific Targets: A Conceptual and Methodological Framework. <i>American Journal of Epidemiology</i> , 2018, 187, 316-325.	3.4	13
87	Global Comparison of Drug Resistance Mutations After First-Line Antiretroviral Therapy Across Human Immunodeficiency Virus-1 Subtypes. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofv158.	0.9	12
88	Markers of Atherosclerosis, Clinical Characteristics, and Treatment Patterns in Heart Failure: A Case-Control Study of Middle-Aged Adult Heart Failure Patients in Rural Kenya. <i>Global Heart</i> , 2016, 11, 97.	2.3	12
89	Varying-coefficient models for longitudinal processes with continuous-time informative dropout. <i>Biostatistics</i> , 2010, 11, 93-110.	1.5	11
90	Predictors of the Initiation of HIV Postexposure Prophylaxis in Rhode Island Emergency Departments. <i>AIDS Patient Care and STDs</i> , 2008, 22, 41-52.	2.5	10

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91	Recent Clinical History and Cognitive Dysfunction for Attention and Executive Function among Human Immunodeficiency Virus-Infected Patients. <i>Archives of Clinical Neuropsychology</i> , 2011, 26, 614-623.	0.5	10
92	Association of Care Environment With HIV Incidence and Death Among Orphaned, Separated, and Street-Connected Children and Adolescents in Western Kenya. <i>JAMA Network Open</i> , 2021, 4, e2125365.	5.9	10
93	Birth Weight and Adult Hypercholesterolemia. <i>Epidemiology</i> , 2010, 21, 786-790.	2.7	9
94	Optimal Allocation of Gold Standard Testing Under Constrained Availability: Application to Assessment of HIV Treatment Failure. <i>Journal of the American Statistical Association</i> , 2013, 108, 1173-1188.	3.1	9
95	HIV-1 Treatment Failure, Drug Resistance, and Clinical Outcomes in Perinatally Infected Children and Adolescents Failing First-Line Antiretroviral Therapy in Western Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2022, 89, 231-239.	2.1	9
96	Conditional Inference Methods for Incomplete Poisson Data With Endogenous Time-Varying Covariates. <i>Journal of the American Statistical Association</i> , 2006, 101, 424-434.	3.1	8
97	Bayesian semiparametric regression for longitudinal binary processes with missing data. <i>Statistics in Medicine</i> , 2008, 27, 3247-3268.	1.6	8
98	Improved HIV-1 Viral Load Monitoring Capacity Using Pooled Testing With Marker-Assisted Deconvolution. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 75, 580-587.	2.1	7
99	Regression analysis for differentially misclassified correlated binary outcomes. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015, 64, 433-449.	1.0	6
100	Optimal timing of HIV home-based counselling and testing rounds in Western Kenya. <i>Journal of the International AIDS Society</i> , 2018, 21, e25142.	3.0	5
101	Integrated community-based HIV and non-communicable disease care within microfinance groups in Kenya: study protocol for the Harambee cluster randomised trial. <i>BMJ Open</i> , 2021, 11, e042662.	1.9	5
102	Causal Models. <i>Epidemiology</i> , 2009, 20, 931-932.	2.7	4
103	Point of Diagnosis and Patient Retention in HIV Care in Western Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 383-389.	2.1	4
104	Preserving 2 decades of healthcare gains for Africa in the coronavirus disease 2019 era. <i>Aids</i> , 2020, 34, 1761-1763.	2.2	4
105	Predictors of Health Insurance Enrollment among HIV Positive Pregnant Women in Kenya: Potential for Adverse Selection and Implications for HIV Treatment and Prevention. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2892.	2.6	4
106	Sex differences in health status, healthcare utilization, and costs among individuals with elevated blood pressure: the LARK study from Western Kenya. <i>BMC Public Health</i> , 2021, 21, 948.	2.9	4
107	Longitudinal typing of molecular HIV clusters in a statewide epidemic. <i>Aids</i> , 2021, 35, 1711-1722.	2.2	4
108	Fixed choice design and augmented fixed choice design for network data with missing observations. <i>Biostatistics</i> , 2019, 20, 97-110.	1.5	3

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109	Microfinance, retention in care, and mortality among patients enrolled in HIV care in East Africa. <i>Aids</i> , 2021, 35, 1997-2005.	2.2	3
110	Beyond HIV outbreaks: protocol, rationale and implementation of a prospective study quantifying the benefit of incorporating viral sequence clustering analysis into routine public health interventions. <i>BMJ Open</i> , 2022, 12, e060184.	1.9	3
111	Estimating causal effects from multiple cycle data in studies of in vitro fertilization. <i>Statistical Methods in Medical Research</i> , 2006, 15, 195-209.	1.5	2
112	Unifying instrumental variable and inverse probability weighting approaches for inference of causal treatment effect and unmeasured confounding in observational studies. <i>Statistical Methods in Medical Research</i> , 2021, 30, 671-686.	1.5	2
113	Continuity of Care is Associated with Higher Appointment Adherence Among HIV Patients in Low Clinician-to-Patient Ratio Facilities in Western Kenya. <i>AIDS and Behavior</i> , 2022, , 1.	2.7	2
114	Nineteen Days in America. <i>New England Journal of Medicine</i> , 2022, 386, 2445-2449.	27.0	2
115	Comments on: Missing data methods in longitudinal studies: a review. <i>Test</i> , 2009, 18, 59-64.	1.1	1
116	Population-based estimates of engagement in HIV care and mortality using double-sampling methods following home-based counseling and testing in western Kenya. <i>PLoS ONE</i> , 2019, 14, e0223187.	2.5	1
117	Classification using ensemble learning under weighted misclassification loss. <i>Statistics in Medicine</i> , 2019, 38, 2002-2012.	1.6	1
118	Comparison of machine learning methods for predicting viral failure: a case study using electronic health record data. <i>Statistical Communications in Infectious Diseases</i> , 2020, 12, .	0.2	1
119	Statewide Longitudinal Trends in Transmitted HIV-1 Drug Resistance in Rhode Island, USA. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab587.	0.9	1
120	Misclassification of Antiretroviral Treatment Failure Using WHO 2006 and 2010/2013 Immunologic Criteria in HIV-Infected Children and Adolescents in Western Kenya: Table 1.. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 6, piw018.	1.3	0
121	Response to Questionable assumptions mar modelling of Kenya home-based testing campaigns – a comment on “Optimal timing of HIV home-based counselling and testing rounds in Western Kenya” (Olney et al. 2018). <i>Journal of the International AIDS Society</i> , 2019, 22, e25231.	3.0	0
122	Comparison of HPV detection in HIV-infected and HIV-uninfected Kenyan women with or without cervical dysplasia.. <i>Journal of Clinical Oncology</i> , 2019, 37, e17015-e17015.	1.6	0
123	Egocentric social network characteristics and cardiovascular risk among patients with hypertension or diabetes in western Kenya: a cross-sectional analysis from the BIGPIC trial. <i>BMJ Open</i> , 2021, 11, e049610.	1.9	0