

Joseph W Hogan

List of Publications by Citations

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117
papers

4,919
citations

32
h-index

68
g-index

127
ext. papers

5,717
ext. citations

7.1
avg. IF

5.45
L-index

#	Paper	IF	Citations
117	The prevention and treatment of missing data in clinical trials. <i>New England Journal of Medicine</i> , 2012 , 367, 1355-60	59.2	856
116	Handling drop-out in longitudinal studies. <i>Statistics in Medicine</i> , 2004 , 23, 1455-97	2.3	321
115	Mixture models for the joint distribution of repeated measures and event times. <i>Statistics in Medicine</i> , 1997 , 16, 239-57	2.3	233
114	Publication bias in editorial decision making. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 2825-8	27.4	215
113	Model-based approaches to analysing incomplete longitudinal and failure time data. <i>Statistics in Medicine</i> , 1997 , 16, 259-72	2.3	184
112	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, 894-6	11.6	152
111	A problem-solving approach to stress reduction among younger women with breast carcinoma: a randomized controlled trial. <i>Cancer</i> , 2002 , 94, 3089-100	6.4	119
110	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, 454-62	11.6	115
109	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, 871-80	4.9	114
108	Instrumental variables and inverse probability weighting for causal inference from longitudinal observational studies. <i>Statistical Methods in Medical Research</i> , 2004 , 13, 17-48	2.3	104
107	Genital tract HIV-1 RNA shedding among women with below detectable plasma viral load. <i>Aids</i> , 2010 , 24, 2489-97	3.5	96
106	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 Suppl 2, S69-80	11.6	95
105	Treatment outcomes of a stage 1 cognitive-behavioral trial to reduce alcohol use among human immunodeficiency virus-infected out-patients in western Kenya. <i>Addiction</i> , 2011 , 106, 2156-66	4.6	83
104	Hypertension and obesity as cardiovascular risk factors among HIV seropositive patients in Western Kenya. <i>PLoS ONE</i> , 2011 , 6, e22288	3.7	83
103	Prevalence, incidence, and persistence or recurrence of trichomoniasis among human immunodeficiency virus (HIV)-positive women and among HIV-negative women at high risk for HIV infection. <i>Clinical Infectious Diseases</i> , 2002 , 34, 1406-11	11.6	78
102	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, 719-25	11.6	75
101	A randomized clinical trial of community-based directly observed therapy as an adherence intervention for HAART among substance users. <i>Aids</i> , 2007 , 21, 1473-7	3.5	74

100	The impact of hydrosalpinx on successful pregnancy in tubal factor infertility treated by in vitro fertilization. <i>Fertility and Sterility</i> , 1997 , 67, 517-20	4.8	73
99	Reparameterizing the pattern mixture model for sensitivity analyses under informative dropout. <i>Biometrics</i> , 2000 , 56, 1241-8	1.8	61
98	Prenatal factors for childhood blood pressure mediated by intrauterine and/or childhood growth?. <i>Pediatrics</i> , 2011 , 127, e713-21	7.4	55
97	Predictors of quitting and dropout among women in a clinic-based smoking cessation program.. <i>Psychology of Addictive Behaviors</i> , 2002 , 16, 22-27	3.4	55
96	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, e20-6	7.8	53
95	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	4.5	53
94	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, 737-47	2.3	48
93	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, 584-7	3.1	47
92	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	2.2	43
91	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	5.7	41
90	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, 428-35	3.1	40
89	Principal stratification with predictors of compliance for randomized trials with 2 active treatments. <i>Biostatistics</i> , 2008 , 9, 277-89	3.7	38
88	Impact of domestic care environment on trauma and posttraumatic stress disorder among orphans in western Kenya. <i>PLoS ONE</i> , 2014 , 9, e89937	3.7	36
87	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. <i>Preventive Medicine</i> , 2003 , 36, 479-92	4.3	34
86	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies. <i>Journal of NeuroVirology</i> , 2011 , 17, 368-79	3.9	32
85	Treatment for <i>Schistosoma japonicum</i> , reduction of intestinal parasite load, and cognitive test score improvements in school-aged children. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1634	4.8	32
84	Changes in total lymphocyte count as a surrogate for changes in CD4 count following initiation of HAART: implications for monitoring in resource-limited settings. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 567-75	3.1	32
83	Increasing efficiency from censored survival data by using random effects to model longitudinal covariates. <i>Statistical Methods in Medical Research</i> , 1998 , 7, 28-48	2.3	32

82	Mixtures of varying coefficient models for longitudinal data with discrete or continuous nonignorable dropout. <i>Biometrics</i> , 2004 , 60, 854-64	1.8	30
81	Bayesian inference for the causal effect of mediation. <i>Biometrics</i> , 2012 , 68, 1028-36	1.8	29
80	Social and economic characteristics of street youth by gender and level of street involvement in Eldoret, Kenya. <i>PLoS ONE</i> , 2014 , 9, e97587	3.7	29
79	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	5.4	28
78	Sequence quality analysis tool for HIV type 1 protease and reverse transcriptase. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 894-901	1.6	28
77	Association between placental morphology and childhood systolic blood pressure. <i>Hypertension</i> , 2011 , 57, 48-55	8.5	27
76	Evaluating strategies to improve HIV care outcomes in Kenya: a modelling study. <i>Lancet HIV</i> , 2016 , 3, e592-e600	7.8	26
75	Hierarchical logistic regression models for clustered binary outcomes in studies of IVF-ET. <i>Fertility and Sterility</i> , 2000 , 73, 575-81	4.8	26
74	Predictors of quitting and dropout among women in a clinic-based smoking cessation program. <i>Psychology of Addictive Behaviors</i> , 2002 , 16, 22-7	3.4	26
73	Serum estradiol positively predicts outcomes in patients undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2004 , 81, 1707-9	4.8	24
72	Continuity of medical care and risk of incarceration in HIV-positive and high-risk HIV-negative women. <i>Journal of Womens Health</i> , 2002 , 11, 743-50	3	24
71	Beyond binary retention in HIV care: predictors of the dynamic processes of patient engagement, disengagement, and re-entry into care in a US clinical cohort. <i>Aids</i> , 2018 , 32, 2217-2225	3.5	23
70	Blood pressure level impacts risk of death among HIV seropositive adults in Kenya: a retrospective analysis of electronic health records. <i>BMC Infectious Diseases</i> , 2014 , 14, 284	4	22
69	Community Health Workers Improve Linkage to Hypertension Care in Western Kenya. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1897-1906	15.1	22
68	Treatment failure and drug resistance in HIV-positive patients on tenofovir-based first-line antiretroviral therapy in western Kenya. <i>Journal of the International AIDS Society</i> , 2016 , 19, 20798	5.4	22
67	Long-term alcohol and caffeine intake and risk of sudden cardiac death in women. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1356-63	7	21
66	Strengthening biostatistics resources in sub-Saharan Africa: research collaborations through U.S. partnerships. <i>Statistics in Medicine</i> , 2011 , 30, 695-708	2.3	21
65	Longitudinal study of the inception of perimenopause in relation to lifetime history of sexual or physical violence. <i>Journal of Epidemiology and Community Health</i> , 2004 , 58, 938-43	5.1	21

64	A hierarchical Bayesian approach to modeling embryo implantation following in vitro fertilization. <i>Biostatistics</i> , 2002 , 3, 361-77	3.7	21
63	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	5.7	20
62	Modeling the causal effect of treatment initiation time on survival: Application to HIV/TB co-infection. <i>Biometrics</i> , 2018 , 74, 703-713	1.8	17
61	White matter changes with age utilizing quantitative diffusion MRI. <i>Neurology</i> , 2014 , 83, 247-52	6.5	17
60	Estimating causal treatment effects from longitudinal HIV natural history studies using marginal structural models. <i>Biometrics</i> , 2003 , 59, 152-62	1.8	17
59	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 Suppl 1, 80-4	5.6	16
58	Causal comparative effectiveness analysis of dynamic continuous-time treatment initiation rules with sparsely measured outcomes and death. <i>Biometrics</i> , 2019 , 75, 695-707	1.8	16
57	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, 614-24	3.1	15
56	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	3.5	15
55	Are all biases missing data problems?. <i>Current Epidemiology Reports</i> , 2015 , 2, 162-171	2.9	14
54	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	2.3	14
53	Lower syringe sharing and re-use after syringe legalization in Rhode Island. <i>Drug and Alcohol Dependence</i> , 2007 , 89, 292-7	4.9	13
52	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	5.4	12
51	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	1.5	12
50	Increased muscularization of small pulmonary arteries in preterm infants of diabetic mothers: a morphometric study in noninflated, noninjected, routinely fixed lungs. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1995 , 15, 689-705		12
49	Factors associated with isolated right heart failure in women: a pilot study from western Kenya. <i>Global Heart</i> , 2014 , 9, 249-54	2.9	12
48	Bringing causal models into the mainstream. <i>Epidemiology</i> , 2009 , 20, 431-2	3.1	11
47	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	2.1	11

46	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	3.1	11
45	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	2.9	10
44	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	1	10
43	Global analysis of sequence diversity within HIV-1 subtypes across geographic regions. <i>Future Virology</i> , 2012 , 7, 505-517	2.4	10
42	Varying-coefficient models for longitudinal processes with continuous-time informative dropout. <i>Biostatistics</i> , 2010 , 11, 93-110	3.7	10
41	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, 614-23	2.7	10
40	Viral suppression among children and their caregivers living with HIV in western Kenya. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25272	5.4	9
39	Evaluating a patient-centred intervention to increase disclosure and promote resilience for children living with HIV in Kenya. <i>Aids</i> , 2019 , 33 Suppl 1, S93-S101	3.5	9
38	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	3.8	9
37	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	4.1	8
36	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	2.8	8
35	Birth weight and adult hypercholesterolemia: subgroups of small-for-gestational-age based on maternal smoking status during pregnancy. <i>Epidemiology</i> , 2010 , 21, 786-90	3.1	8
34	Predictors of the initiation of HIV postexposure prophylaxis in Rhode Island emergency departments. <i>AIDS Patient Care and STDs</i> , 2008 , 22, 41-52	5.8	8
33	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, 97-107	2.9	8
32	Bayesian semiparametric regression for longitudinal binary processes with missing data. <i>Statistics in Medicine</i> , 2008 , 27, 3247-68	2.3	7
31	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	5.1	7
30	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> , 2021 , 104920	4.3	7
29	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	3.1	5

28	Regression Analysis for Differentially Misclassified Correlated Binary Outcomes. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015 , 64, 433-449	1.5	5
27	Conditional Inference Methods for Incomplete Poisson Data With Endogenous Time-Varying Covariates. <i>Journal of the American Statistical Association</i> , 2006 , 101, 424-434	2.8	5
26	Low Seroprevalence of SARS-CoV-2 in Rhode Island Blood Donors Determined using Multiple Serological Assay Formats		5
25	Optimal timing of HIV home-based counselling and testing rounds in Western Kenya. <i>Journal of the International AIDS Society</i> , 2018 , 21, e25142	5.4	4
24	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,	4.6	3
23	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	3.1	3
22	Causal Models. <i>Epidemiology</i> , 2009 , 20, 931-932	3.1	3
21	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	10.4	3
20	HIV-1 Treatment Failure, Drug Resistance and Clinical Outcomes in Perinatally-Infected Children and Adolescents Failing 1st-Line Antiretroviral Therapy in Western Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 ,	3.1	2
19	Comments on: Missing data methods in longitudinal studies: a review. <i>Test</i> , 2009 , 18, 59-64	1.1	1
18	Estimating causal effects from multiple cycle data in studies of in vitro fertilization. <i>Statistical Methods in Medical Research</i> , 2006 , 15, 195-209	2.3	1
17	Preserving 2 decades of healthcare gains for Africa in the coronavirus disease 2019 era. <i>Aids</i> , 2020 , 34, 1761-1763	3.5	1
16	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	3	1
15	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	4.1	1
14	Fixed choice design and augmented fixed choice design for network data with missing observations. <i>Biostatistics</i> , 2019 , 20, 97-110	3.7	1
13	Modeling the Impact of Social Determinants of Health on HIV. <i>AIDS and Behavior</i> , 2021 , 25, 215-224	4.3	1
12	Statewide Longitudinal Trends in Transmitted HIV-1 Drug Resistance in Rhode Island, USA.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofab587	1	1
11	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	3	1

10	Longitudinal typing of molecular HIV clusters in a statewide epidemic. <i>Aids</i> , 2021 , 35, 1711-1722	3.5	o
9	Microfinance, retention in care, and mortality among patients enrolled in HIV care in East Africa. <i>Aids</i> , 2021 , 35, 1997-2005	3.5	o
8	Classification using ensemble learning under weighted misclassification loss. <i>Statistics in Medicine</i> , 2019 , 38, 2002-2012	2.3	o
7	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	2.3	o
6	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	5.4	
5	Misclassification of Antiretroviral Treatment Failure Using WHO 2006 and 2010/2013 Immunologic Criteria in HIV-Infected Children and Adolescents in Western Kenya. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017 , 6, 285-288	4.8	
4	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 ^{3.7}		
3	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 ³		
2	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	2.2	
1	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	4.3	